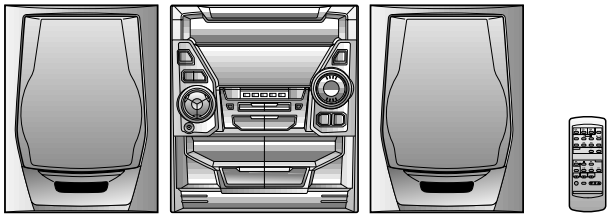
SHARP SERVICE MANUAL

No. S5040CDA1300H



MINI COMPONENT SYSTEM

MODEL CD-BA1300H

COMPACT disc DIGITAL AUDIO

SAVING ENERGY STAND-BY POWER CONSUMPTION 0.6W

R·D·S EON

This Service Manual is for the CD-BA1300H, which is a minor-modification model of the CD-BA1200H. This manual, therefore, describes only the changed points from the service manual. Please refer to the CD-BA1200H service manual (No.S4029CDBA1200) together with this manual.

CD-BA1200H

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CD-BA1300H Mini Component System consisting of CD-BA1300H (main unit) and CP-BA1300H (speaker system).

- In the interests of user-safety the set should be restored to its original condition and only parts identical to those specified be used.

- **Note for users in U.K.**
  Recording and playback of any material may require consent which SHARP is unable to give. Please refer particularly to the provisions of Copyright Act 1956, the Dramatic and Musical Perfomers Protection Act 1956, the Performers Protection Acts 1963 and 1972 and to any subsequent statutory enactments and orders.

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SHARP CORPORATION

This document has been published to be used for after sales service only.
The contents are subject to change without notice.

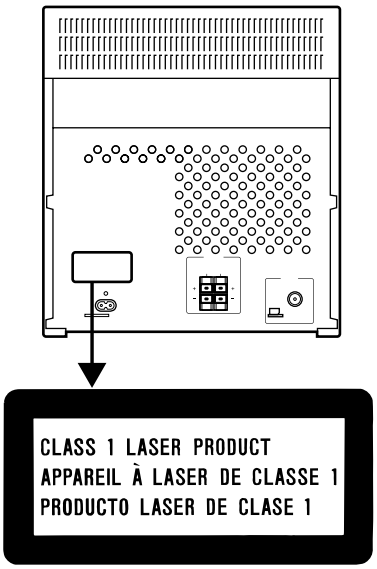
SAFETY PRECAUTION FOR SERVICE MANUAL

Precaution to be taken when replacing and servicing the Laser Pickup.

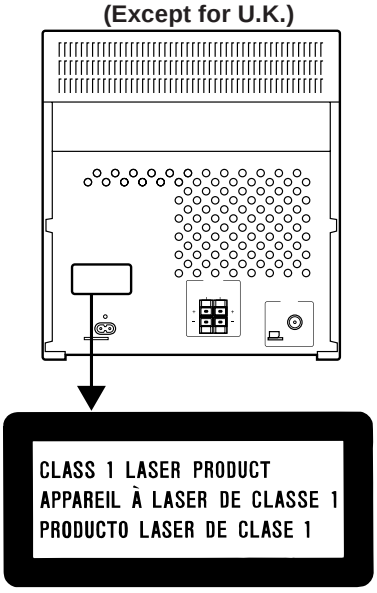
The AEL (Accessible Emission Level) of Laser Power Output for this model is specified to be lower than Class I Requirements. However, the following precautions must be observed during servicing to protect your eyes against exposure to the Laser beam.

(1) When the cabinet has been removed, the power is turned on without a compact disc, and the Pickup is on a position outer than the lead-in position, the Laser will light for several seconds to detect a disc. Do not look into the Pickup Lens.
(2) The Laser Power Output of the Pickup inside the unit and replacement service parts have already been adjusted prior to shipping.
(3) No adjustment to the Laser Power should be attempted when replacing or servicing the Pickup.
(4) Under no circumstances look directly into the Pickup Lens at any time.
(5) CAUTION - Use of controls or adjustments, or performance of procedures other than those specified herein may result in hazardous radiation exposure.

(For U.K.)

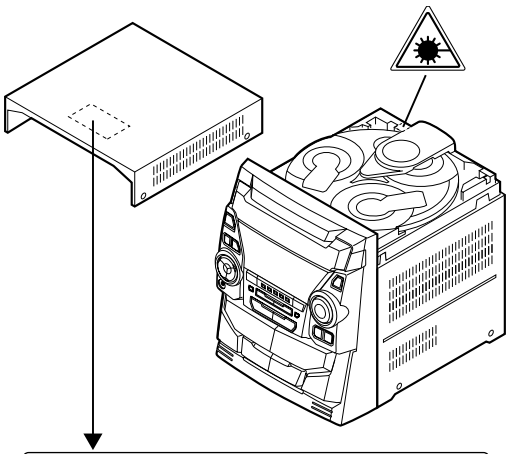


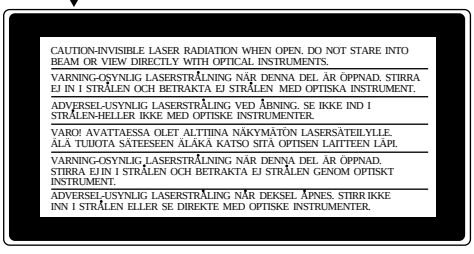
(Except for U.K.)



LASER KLASSE 1
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT
LASER TŘÍDY 1
LASER TRIEDY 1

Laser Diode Properties
Material: GaAlAs
Wavelength: 780 nm
Emission Duration: continuous
Laser Output: max. 0.6 mW




CAUTION-INVISIBLE LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.
VARNING-OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD. STIRRA EJ IN I STRÅLEN OCH BETRAKTA EJ STRÅLEN MED OPTISKA INSTRUMENT.
ADVERSEL-USYNLIG LASERSTRÅLING VED ÅBNING. SE IKKE IND I STRÅLEN-HELLER IKKE MED OPTISKE INSTRUMENTER.
VARO! AVATTAESSA OLET ALTTIINA NÄKYMÄTÖN LASERSÄTEILYLLE. ÄLÄ TUIJOTA SÄTEESEEN ÄLÄKÄ KATSO SITÄ OPTISEN LAITTEEN LÄPI.
VARNING-OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD. STIRRA EJ IN I STRÅLEN OCH BETRAKTA EJ STRÅLEN GENOM OPTISKT INSTRUMENT.
ADVERSEL-USYNLIG LASERSTRÅLING NÅR DEKSEL ÅPNES. STIRR IKKE INN I STRÅLEN ELLER SE DIREKTE MED OPTISKE INSTRUMENTER.

VAROITUS! LAITTEEN KÄYTTÄMINEN MUULLA KUIN TÄSSÄ KÄYTTÖOHJEESSA MAINITULLA TAVALLA SAATTAA ALTISTAA KÄYTTÄJÄN TURVALLISUUSLUOKAN 1 YLITTÄVÄLLE NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE.

VARNING - OM APPARATEN ANVÄNDS PÅ ANNAT SÄTT ÄN I DENNA BRUKSANVISNING SPECIFICERAS. KAN ANVÄNDAREN UTSÄTTAS FÖR OSYNLIG LASERSTRÅLNING, SOM ÖVERSKRIDER GRÄNSEN FÖR LASERKLASS 1.

FOR A COMPLETE DESCRIPTION OF THE OPERATION OF THIS UNIT, PLEASE REFER TO THE OPERATION MANUAL.

SPECIFICATIONS

CD-BA1300H

■ General

Power source:	AC 230 V, 50 Hz
Power consumption:	47 W
Dimensions:	Width; 270 mm (10-5/8") Height; 300 mm (11-13/16") Depth; 373 mm (14-11/16")
Weight:	5.2 kg (11.4 lbs.)

■ Amplifier section

Output power: (For U.K.)	RMS; 40 W (20 W + 20 W) (10 % T.H.D.) RMS; 28 W (14 W + 14 W) (0.9 % T.H.D.)
Output power: (Except for U.K.)	PMPO; 128 W MPO; 64 W (32 W + 32 W) (DIN 45 324) RMS; 40 W (20 W + 20 W) (DIN 45 324) RMS; 28 W (14 W + 14 W) (DIN 45 500)
Output terminals:	Speakers; 6 ohms Headphones; 16 - 50 ohms (recommended; 32 ohms)

■ Compact disc player section

Type:	3-disc multi-play compact disc player
Signal readout:	Non-contact, 3-beam semi-conductor laser pickup
D/A converter:	1-bit D/A converter
Frequency response:	20 - 20,000 Hz
Dynamic range:	90 dB (1 kHz)

■ Tuner section

Frequency range:	FM; 87.5 - 108 MHz AM; 522 - 1,620 kHz

■ Cassette deck section

Frequency response:	50 - 14,000 Hz (Normal tape)
Signal/noise ratio:	55 dB (TAPE 1, playback) 50 dB (TAPE 2, recording/playback)
Wow and flutter: (For U.K.)	0.3 % (WRMS)
Wow and flutter: (Except for U.K.)	0.35 % (DIN 45 511)

CP-BA1300H

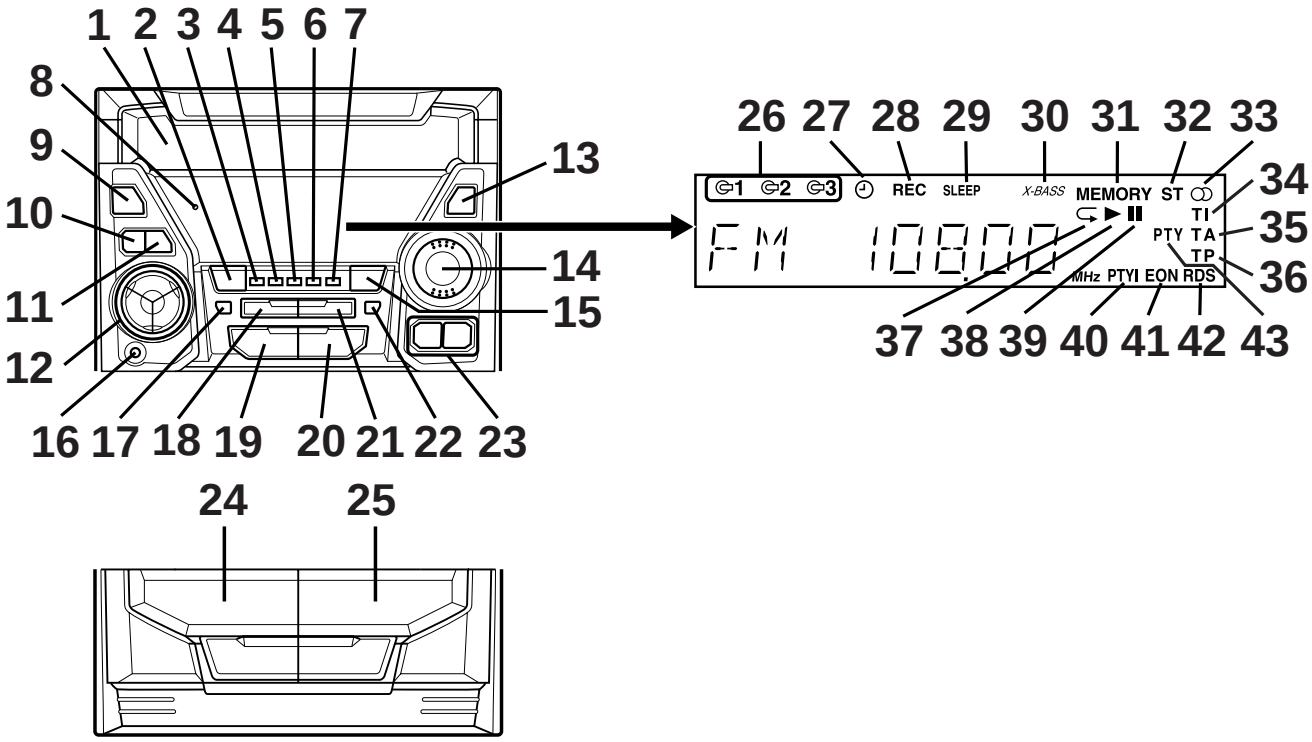
Type:	2-way [13 cm (5-1/4") woofer and 5 cm (2") tweeter]
Maximum input power:	40 W
Rated input power:	20 W
Impedance:	6 ohms
Dimensions:	Width; 220 mm (8-11/16") Height; 300 mm (11-13/16") Depth; 217 mm (8-9/16")
Weight:	2.6 kg (5.7 lbs.)/each

Specifications for this model are subject to change without prior notice.

NAMES OF PARTS

CD-BA1300H

■ Front panel



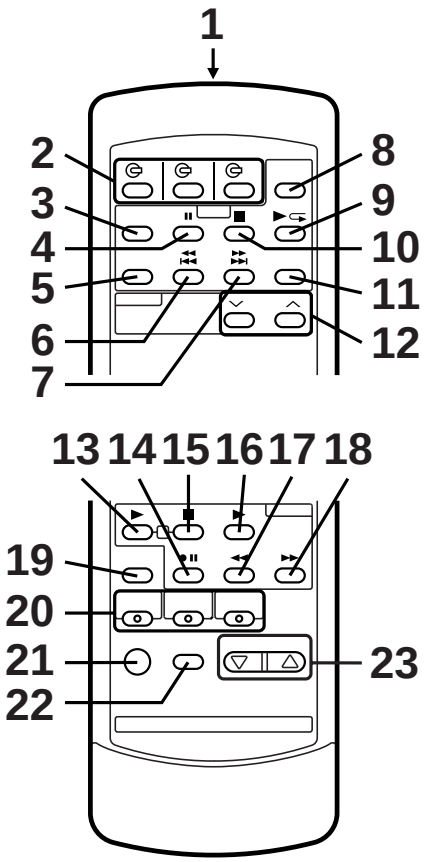
1. (CD) Disc Tray
2. (CD) Disc Skip Button
3. (TUNER) Programme Type/Traffic Information Search Button
4. (TUNER) EON Button
5. (TUNER) ASPM Button
6. (TUNER) Display Mode Selector Button
7. (TUNER) Station Selector Button
8. Timer Set Indicator
9. On/Stand-by Button
10. Timer/Sleep Button
11. Clock Button
12. Function Selector Buttons
13. Equalizer Mode Selector/Extra Bass/Demo Mode Button
14. Volume Up/Down Buttons
15. (CD) Open/Close Button
16. Headphone Socket
17. Memory/Set Button
18. (CD) Track Down/Review Button
    (TUNER) Preset Down Button
    (TAPE 2) Rewind Button
19. (CD/TAPE) Stop Button
20. (CD) Play/Repeat Button
    (TAPE) Play Button
21. (CD) Track Up/Cue Button
    (TUNER) Preset Up Button
    (TAPE 2) Fast Forward Button
22. (TAPE 2) Record Pause Button
23. Tuning and Time Up/Down Buttons

24. (TAPE 1) Cassette Compartment
25. (TAPE 2) Cassette Compartment

26. (CD) Disc Number Indicators
27. Timer Indicator
28. Record Indicator
29. Sleep Indicator
30. Extra Bass Indicator
31. (CD/TUNER) Memory Indicator
32. FM Stereo Mode Indicator
33. FM Stereo Indicator
34. Traffic Information Indicator
35. Traffic Announcement Indicator
36. Traffic Programme Indicator
37. (CD) Repeat Indicator
38. (CD/TAPE) Play Indicator
39. (CD) Pause Indicator
40. Dynamic PTY Indicator
41. EON Indicator
42. RDS Indicator
43. Programme Type Indicator

CD-BA1300H

■ Remote control



1. Remote Control Transmitter LED

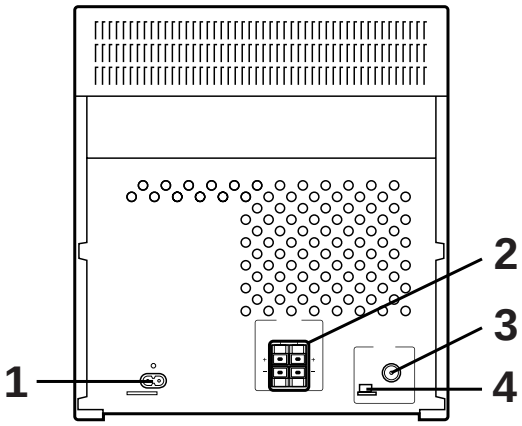
● CD control section
2. Disc Number Select Buttons
3. Memory Button
4. Pause Button
5. Clear Button
6. Track Down/Review Button
7. Track Up/Cue Button
8. Disc Skip Button
9. Play/Repeat Button
10. Stop Button
11. Random Button

● Tuner control section
12. Preset Up/Down Buttons

● Tape control section
13. (TAPE 1) Play Button
14. (TAPE 2) Record Pause Button
15. (TAPE 1/2) Stop Button
16. (TAPE 2) Play Button
17. (TAPE 2) Rewind Button
18. (TAPE 2) Fast Forward Button

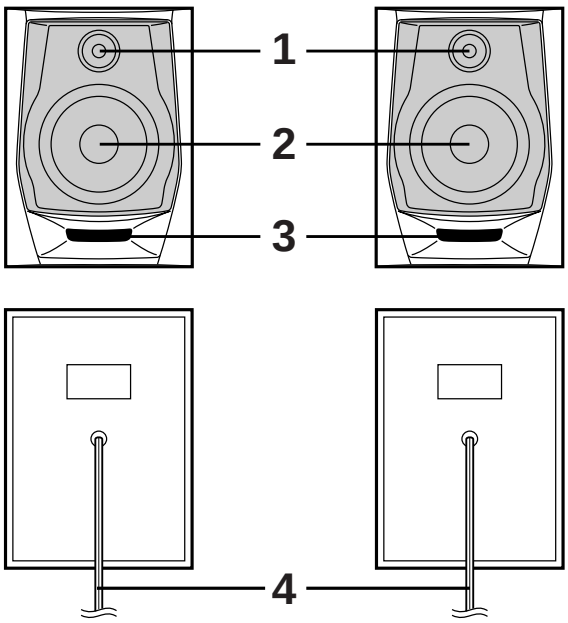
● Common section
19. Equalizer Mode Selector Button
20. Function Selector Buttons
21. On/Stand-by Button
22. Extra Bass Button
23. Volume Up/Down Buttons

■ Rear panel



1. AC Power Input Socket
2. Speaker Terminals
3. FM 75 Ohms Aerial Socket
4. AM Loop Aerial Socket

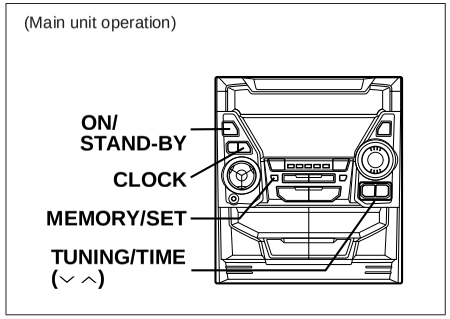
CP-BA1300H



1. Tweeter
2. Woofer
3. Bass Reflex Duct
4. Speaker Wire

SETTING THE CLOCK

In this example, the clock is set for the 24-hour (0:00) system.



1 Press the ON/STAND-BY button to enter the stand-by mode.

2 Press the CLOCK button.

3 Within 5 seconds, press the MEMORY/SET button.

4 Press the TUNING/TIME (∨ or ∧) button to select the time display mode.

0:00 ⟷ AM 0:00 ⟷ AM 12:00

"0:00" → The 24-hour display will appear.
(0:00 - 23:59)

"AM 0:00" → The 12-hour display will appear.
(AM 0:00 - PM 11:59)

"AM 12:00" → The 12-hour display will appear.
(AM 12:00 - PM 11:59)

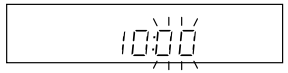
- Note that this can only be set when the unit is first installed or it has been reset.

5 Press the MEMORY/SET button.

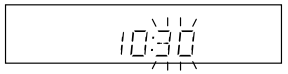
6 Press the TUNING/TIME (∨ or ∧) button to adjust the hour.

- Press the TUNING/TIME (∨ or ∧) button once to advance the time by 1 hour. Hold it down to advance continuously.
- When the 12-hour display is selected, "AM" will change automatically to "PM".

7 Press the MEMORY/SET button.

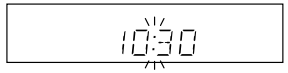


8 Press the TUNING/TIME (∨ or ∧) button to adjust the minutes.



- Press the TUNING/TIME (∨ or ∧) button once to advance the time by 1 minute. Hold it down to change the time in 5-minute intervals.
- The hour setting will not advance even if minutes advance from "59" to "00".

9 Press the MEMORY/SET button.



- The clock starts operating from "0" second. (Seconds are not displayed.) And then the clock display will disappear after a few seconds.

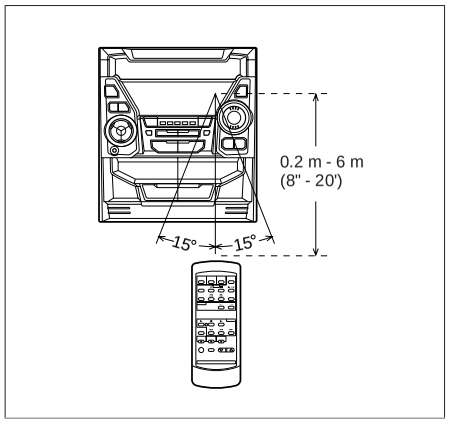
To see the time display:
Press the CLOCK button.
- The time display will appear for about 5 seconds.

Note:
- The clock display will flash on and off at the push of the CLOCK button when the AC power supply is restored after a power failure occurs or after the AC power lead is disconnected. If this happens, follow the procedure below to change the clock time.

To change the clock time:
1 Press the CLOCK button.
2 Within 5 seconds, press the MEMORY/SET button.
3 Perform steps 6 - 9 above.

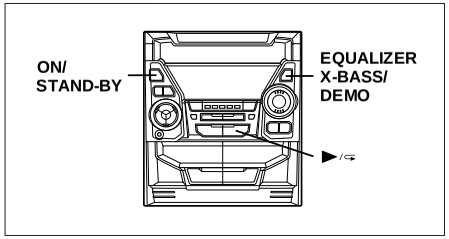
To change the time display mode:
1 Perform steps 1 - 2 in "RESETTING THE MICROCOMPUTER".
2 Perform steps 1 - 9 above.

REMOTE CONTROL



Notes concerning use:
- Replace the batteries if the operating distance is reduced or if the operation becomes erratic.
- Periodically clean the transmitter LED on the remote control and the sensor on the main unit with a soft cloth.
- Exposing the sensor on the main unit to strong light may interfere with operation. Change the lighting or the direction of the unit.
- Keep the remote control away from moisture, excessive heat, shock, and vibrations.

RESETTING THE MICROCOMPUTER



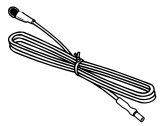
Reset the microcomputer under the following conditions:
- To erase all of the stored memory contents (clock and timer settings, and tuner and CD presets).
- If the display is not correct.
- If the operation is not correct.

1 Press the ON/STAND-BY button to enter the stand-by mode.

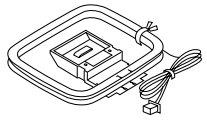
2 Whilst pressing down the ► / ⏎ button and the EQUALIZER/X-BASS/DEMO button, hold down the ON/STAND-BY button for at least 1 second.
- "CLEAR AL" will appear.

Caution:
- The operation explained above will erase all data stored in memory including clock and timer settings, and tuner and CD presets.

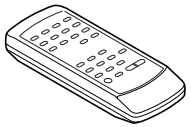
1 Check the supplied accessories



FM aerial × 1

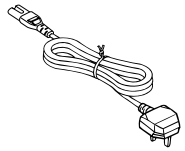


AM loop aerial × 1



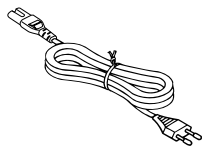
Remote control × 1

[For U.K.]



AC power lead × 1

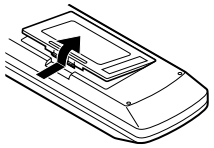
[Except for U.K.]



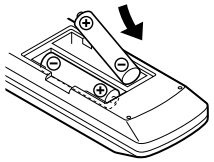
AC power lead × 1

2 Putting batteries into the remote control

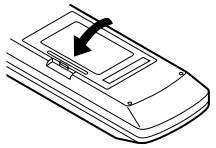
1 Remove the battery cover.



2 Insert the batteries.

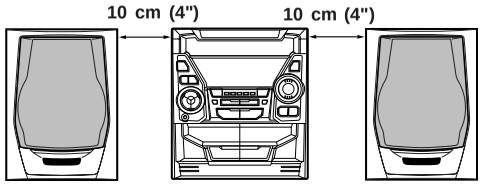


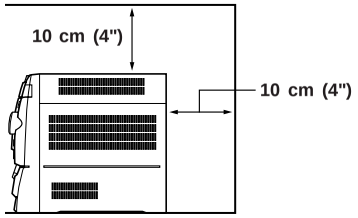
3 Replace the battery cover.



● 2 "AA" size batteries
(UM/SUM-3, R6, HP-7 or similar)

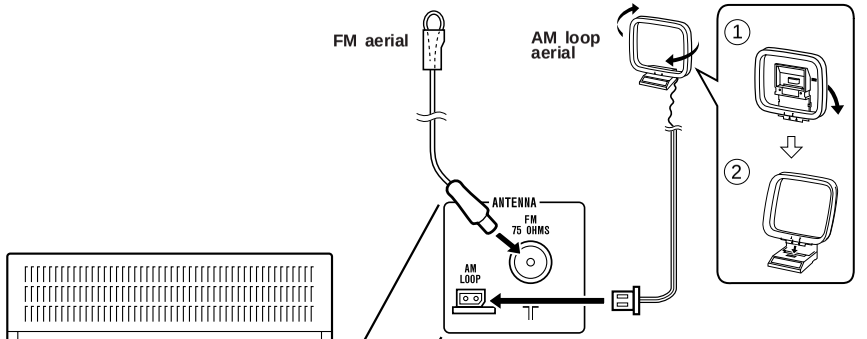
3 Placing the system



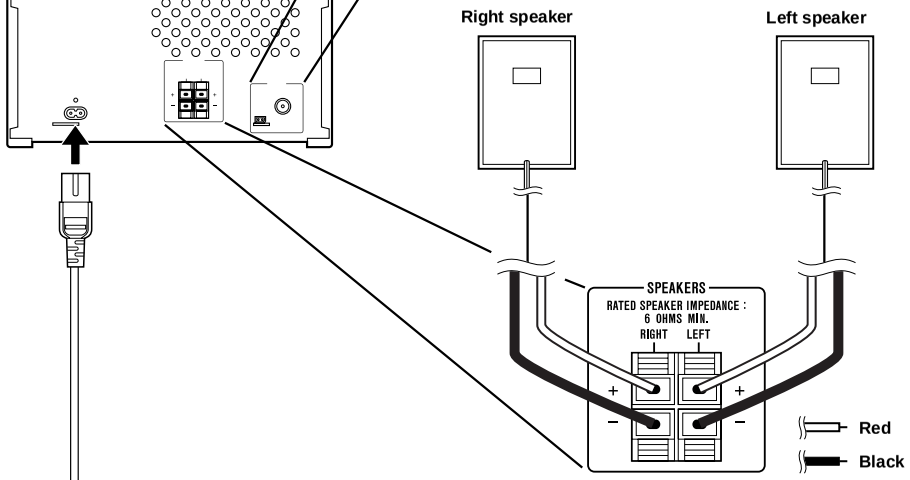


4 Connections

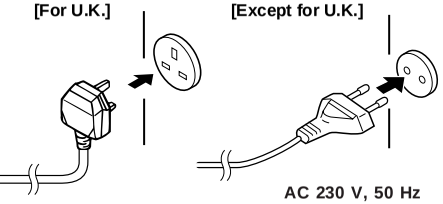
1 Connect the AM and FM aerials.



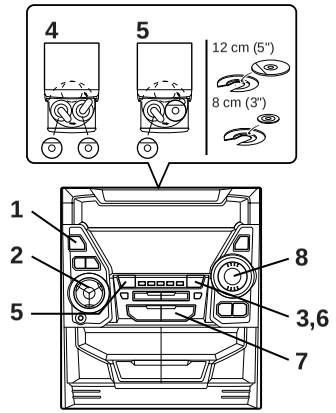
2 Connect the speaker system.



3 Connect the AC power lead.

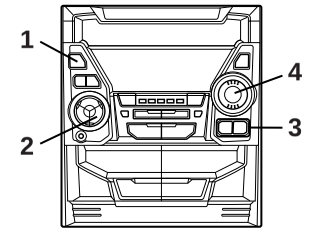


5 Listening to a CD



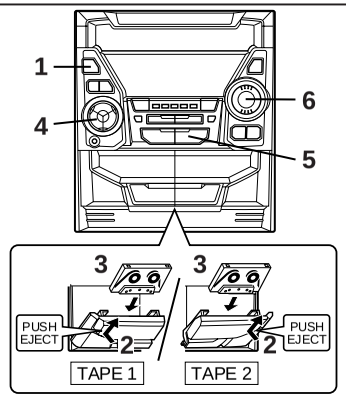
1 Press the ON/STAND-BY button to turn the power on.
2 Press the CD button.
3 Press the OPEN/CLOSE button to open the disc tray.
4 Place the CD(s) on the disc tray, label side up.
5 When loading a third disc, press the DISC SKIP button to turn the disc tray, then place the CD in the open position.
6 Press the OPEN/CLOSE button to close the disc tray.
7 Press the ▶/⇨ button.
8 Adjust the sound volume using the VOLUME buttons.

6 Listening to the radio



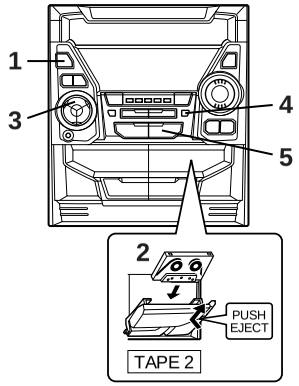
1 Press the ON/STAND-BY button to turn the power on.
2 Press the TUNER (BAND) button to select FM ST, FM or AM.
3 Press the TUNING/TIME (∨ or ∧) button to tune into the desired station.
4 Adjust the sound volume using the VOLUME buttons.

7 Listening to a tape



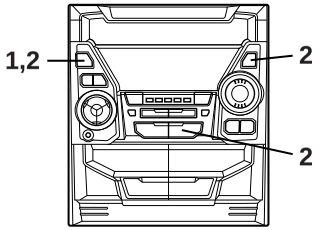
1 Press the ON/STAND-BY button to turn the power on.
2 Open the cassette door by pushing the area marked "PUSH EJECT".
3 Load the cassette into the TAPE 1 or TAPE 2 cassette compartment.
● And then, close the cassette door completely until it is locked.
4 Press the TAPE (1 ⇄ 2) button to select the TAPE 1 or TAPE 2.
5 Press the ▶/⇨ button to start playback.
6 Adjust the sound volume using the VOLUME buttons.

8 Recording from CDs



1 Press the ON/STAND-BY button to turn the power on.
2 Load a cassette into the TAPE 2 cassette compartment.
3 Press the CD button and load the desired disc.
4 Press the REC PAUSE button.
5 Press the ▶/⇨ button.

● Resetting the microcomputer



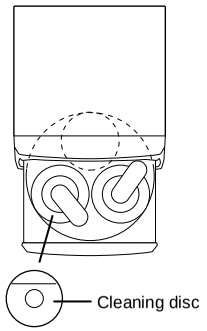
If this product is subjected to strong external interference (mechanical shock, excessive static electricity, abnormal supply voltage due to lightning, etc.) or if it is operated incorrectly, it may malfunction or the display may not function correctly. If such a problem occurs, do the following:

1 Press the ON/STAND-BY button to enter the stand-by mode.
2 Whilst pressing down the ▶/⇨ button and the EQUALIZER/X-BASS/DEMO button, hold down the ON/STAND-BY button for at least 1 second.
● "CLEAR AL" will appear.

Caution:
● The operation explained above will erase all data stored in memory including clock and timer settings, and tuner and CD presets.

● CD pickup cleaning

Clean the dust or stain on the CD pickup lens using a commercial cleaning disc (brush type).



DISASSEMBLY

CP-BA1300H			
STEP	REMOVAL	PROCEDURE	FIGURE
1	Woofer	1. Front Panel ..... (A1) x1 2. Screw ..... (A2) x4	9-1 9-2
2	Tweeter	1. Screw ..... (B1) x2	9-2

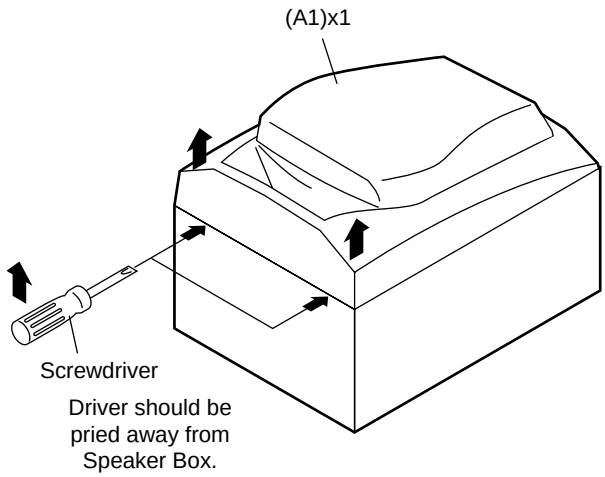


Figure 9-1

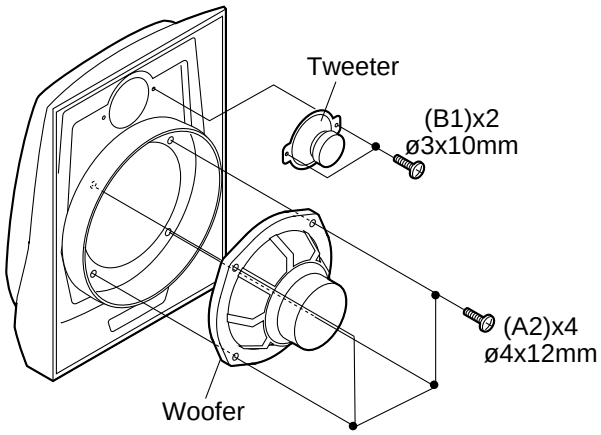


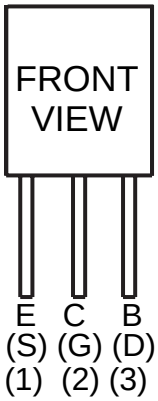
Figure 9-2

NOTES ON SCHEMATIC DIAGRAM

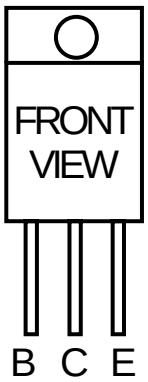
- Resistor:
  To differentiate the units of resistors, such symbol as K and M are used: the symbol K means 1000 ohm and the symbol M means 1000 kohm and the resistor without any symbol is ohm-type resistor. Besides, the one with “Fusible” is a fuse type.
- Capacitor:
  To indicate the unit of capacitor, a symbol P is used: this symbol P means micro-micro-farad and the unit of the capacitor without such a symbol is microfarad. As to electrolytic capacitor, the expression “capacitance/withstand voltage” is used.
  (CH), (TH), (RH), (UJ): Temperature compensation
  (ML): Mylar type
  (P.P.): Polypropylene type
- Schematic diagram and Wiring Side of P.W.Board for this model are subject to change for improvement without prior notice.
- The indicated voltage in each section is the one measured by Digital Multimeter between such a section and the chassis with no signal given.
  1. In the tuner section,
     ( ) indicates AM
     < > indicates FM stereo
  2. In the main section, a tape is being played back.
  3. In the deck section, a tape is being played back.
     ( ) indicates the record state.
  4. In the power section, a tape is being played back.
  5. In the CD section, the CD is stopped.
- Parts marked with “ ⚠ ” (⊏ = = = ⊐) are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

REF. NO	DESCRIPTION	POSITION
SW1	OPEN/CLOSE	ON—OFF
SW2	CLAMP	ON—OFF
SW3	DISC NUMBER	ON—OFF
SW4	PICKUP IN	ON—OFF
SW701	ON/STAND-BY	ON—OFF
SW702	CLOCK	ON—OFF
SW703	TIMER/SLEEP	ON—OFF
SW704	PTY. TI SEARCH	ON—OFF
SW705	EON	ON—OFF
SW706	ASPM	ON—OFF
SW707	DISPLAY MODE	ON—OFF
SW708	STATION	ON—OFF
SW709	DISC SKIP	ON—OFF
SW710	OPEN/CLOSE	ON—OFF

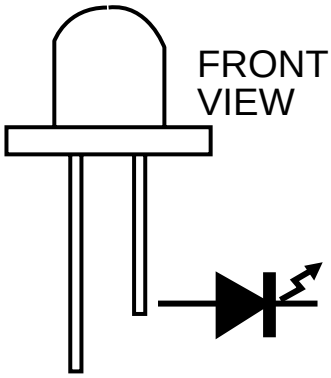
REF. NO	DESCRIPTION	POSITION
SW711	EQUALIZER/X-BASS/DEMO	ON—OFF
SW712	VOLUME UP	ON—OFF
SW713	VOLUME DOWN	ON—OFF
SW714	CD	ON—OFF
SW715	TAPE	ON—OFF
SW716	TUNING/TIME DOWN	ON—OFF
SW717	MEMORY/SET	ON—OFF
SW718	REWIND	ON—OFF
SW719	FAST FORWARD	ON—OFF
SW720	PLAY/REPEAT	ON—OFF
SW721	STOP	ON—OFF
SW723	REC/PAUSE	ON—OFF
SW724	TUNING/TIME UP	ON—OFF
SW725	TUNER (BAND)	ON—OFF



2SC1845 F
2SC380 O
KTA1266 GR
KTA1268 GR
KTA1271 Y
KTA1273 Y
KTC3199 GR
KTC3200 GR
KTC3203 Y
KRC102 M
KRC104 M
KRC107 M



KTC2026



4204SRT7

Figure 10 TYPES OF TRANSISTOR AND LED

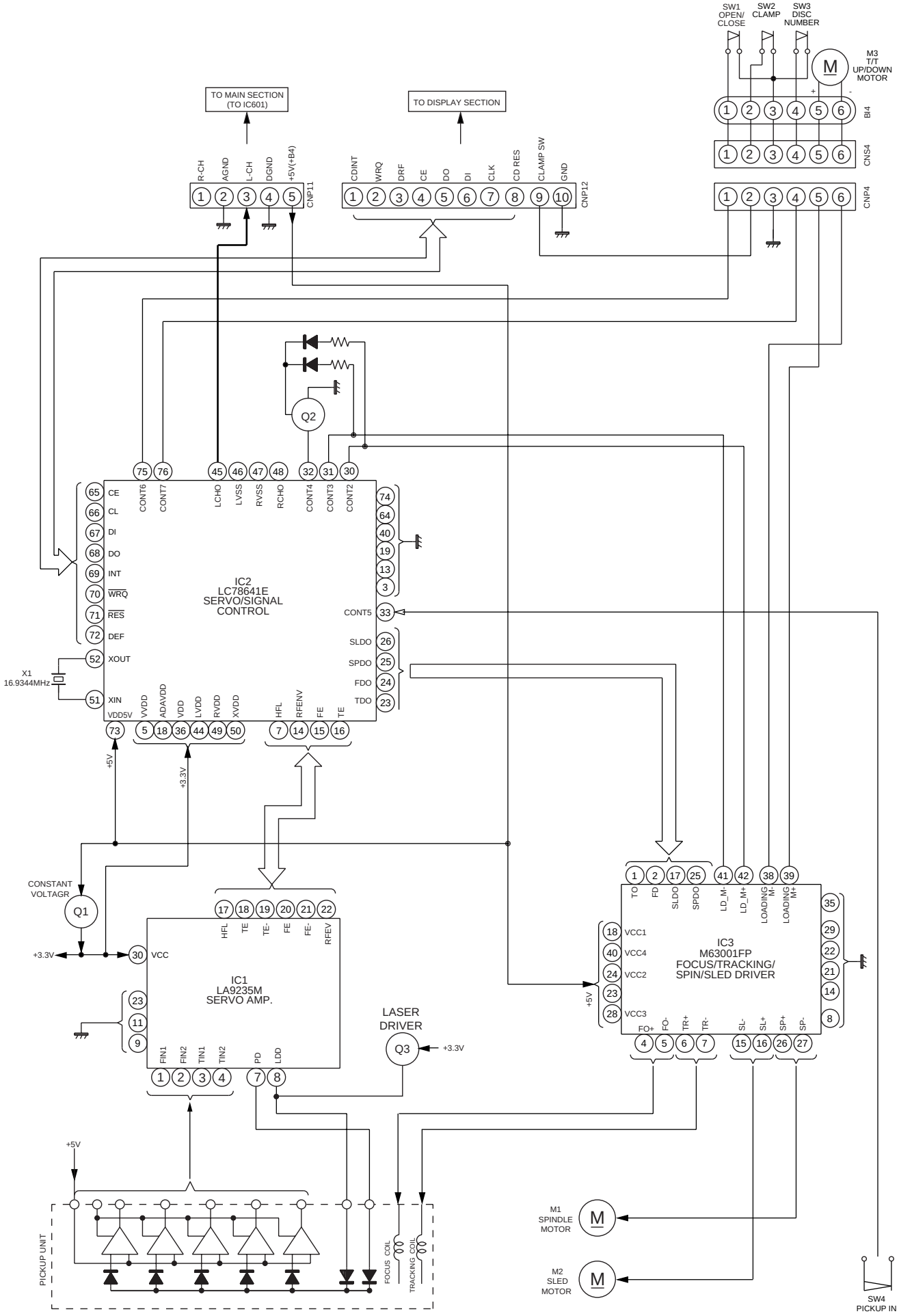


Figure 11 BLOCK DIAGRAM (1/3)

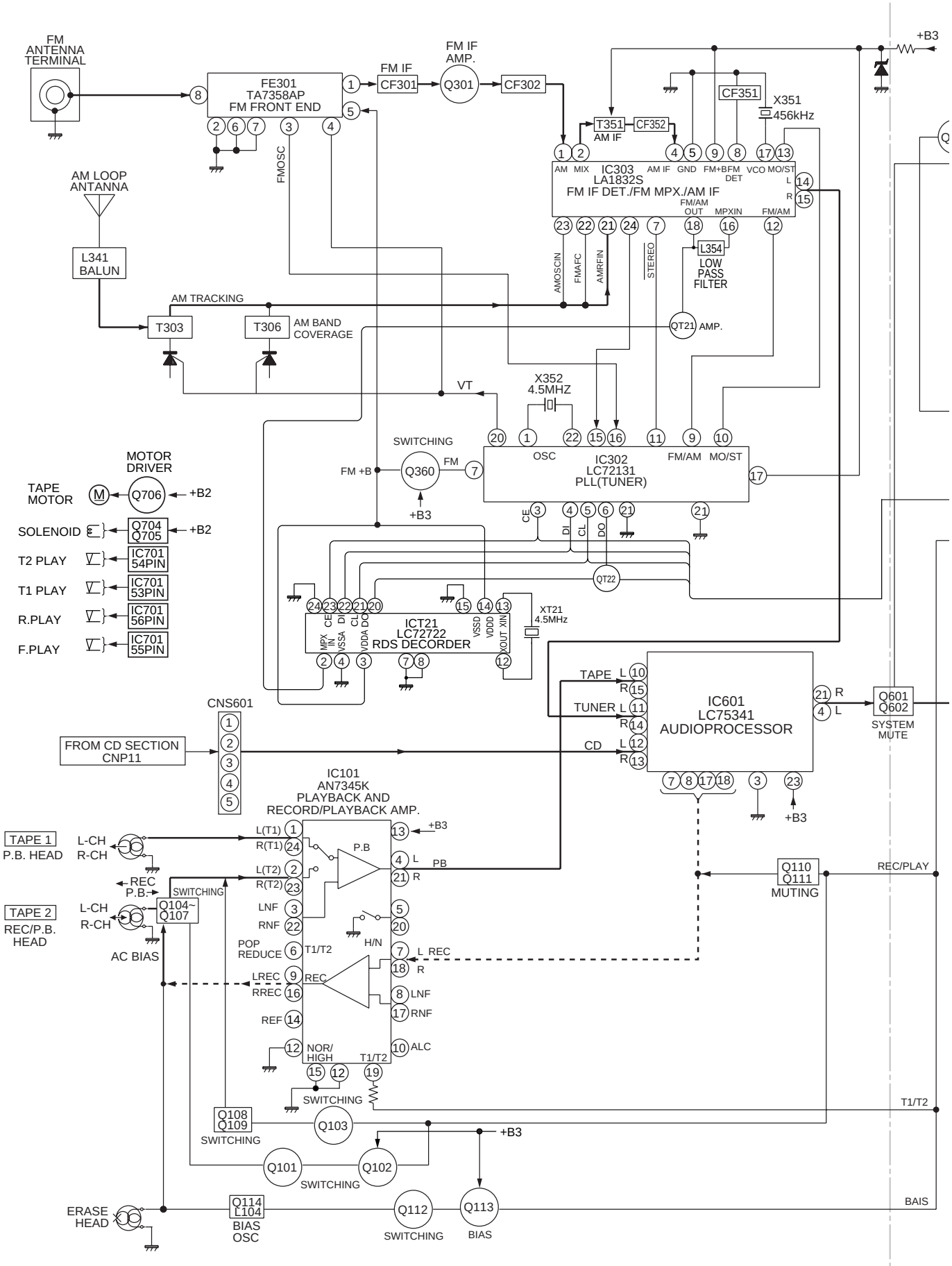


Figure 12 BLOCK DIAGRAM (2/3)

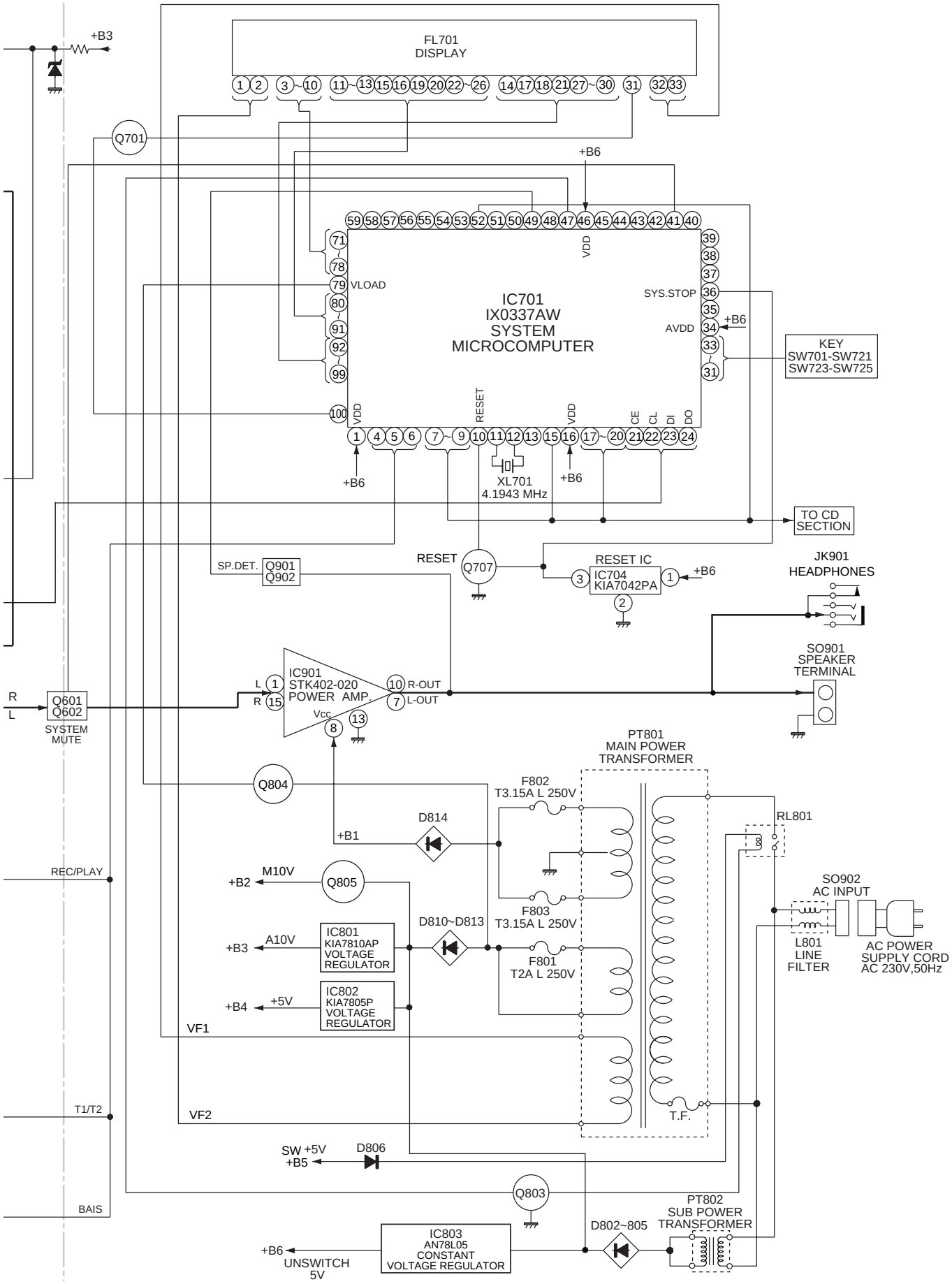
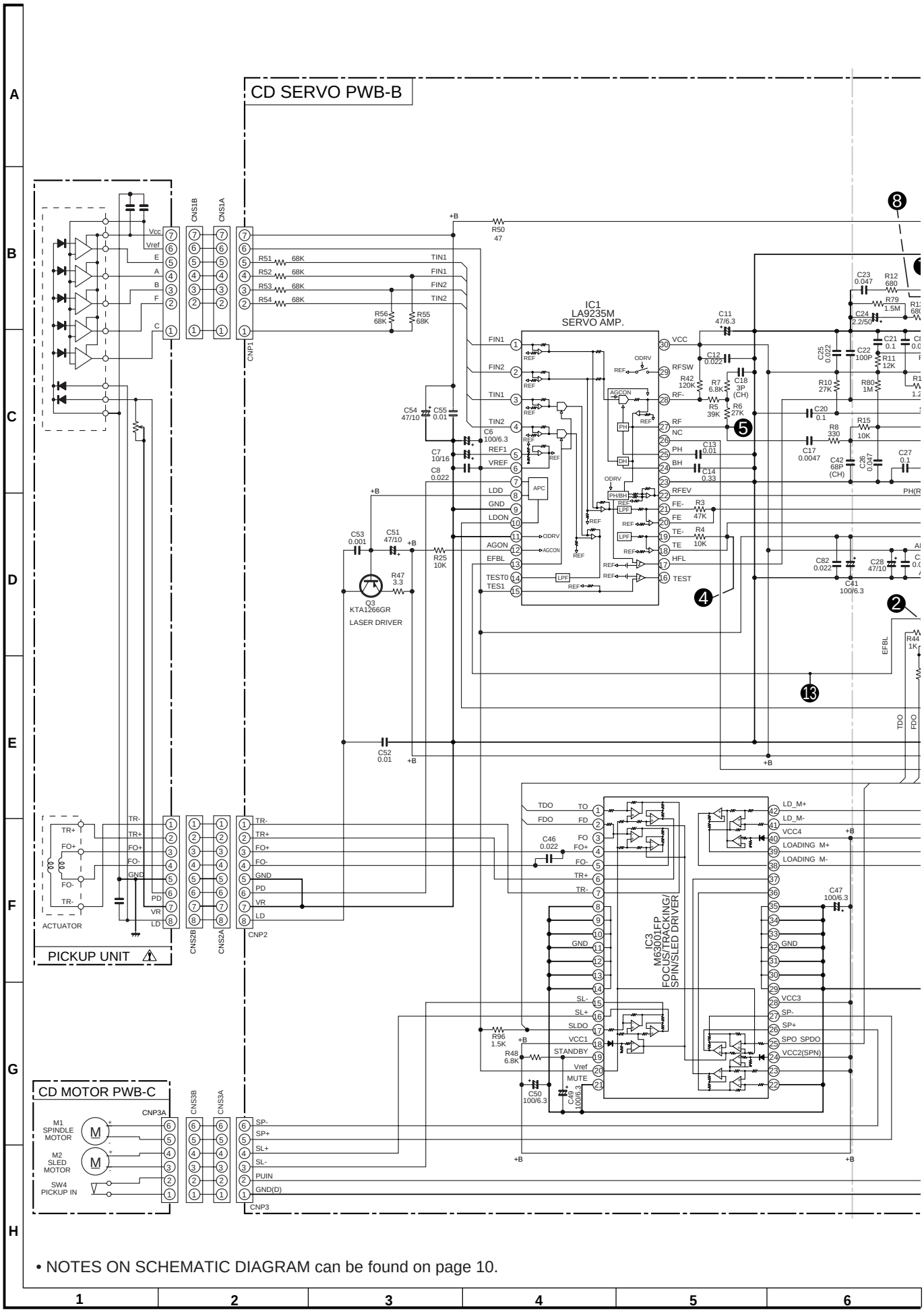
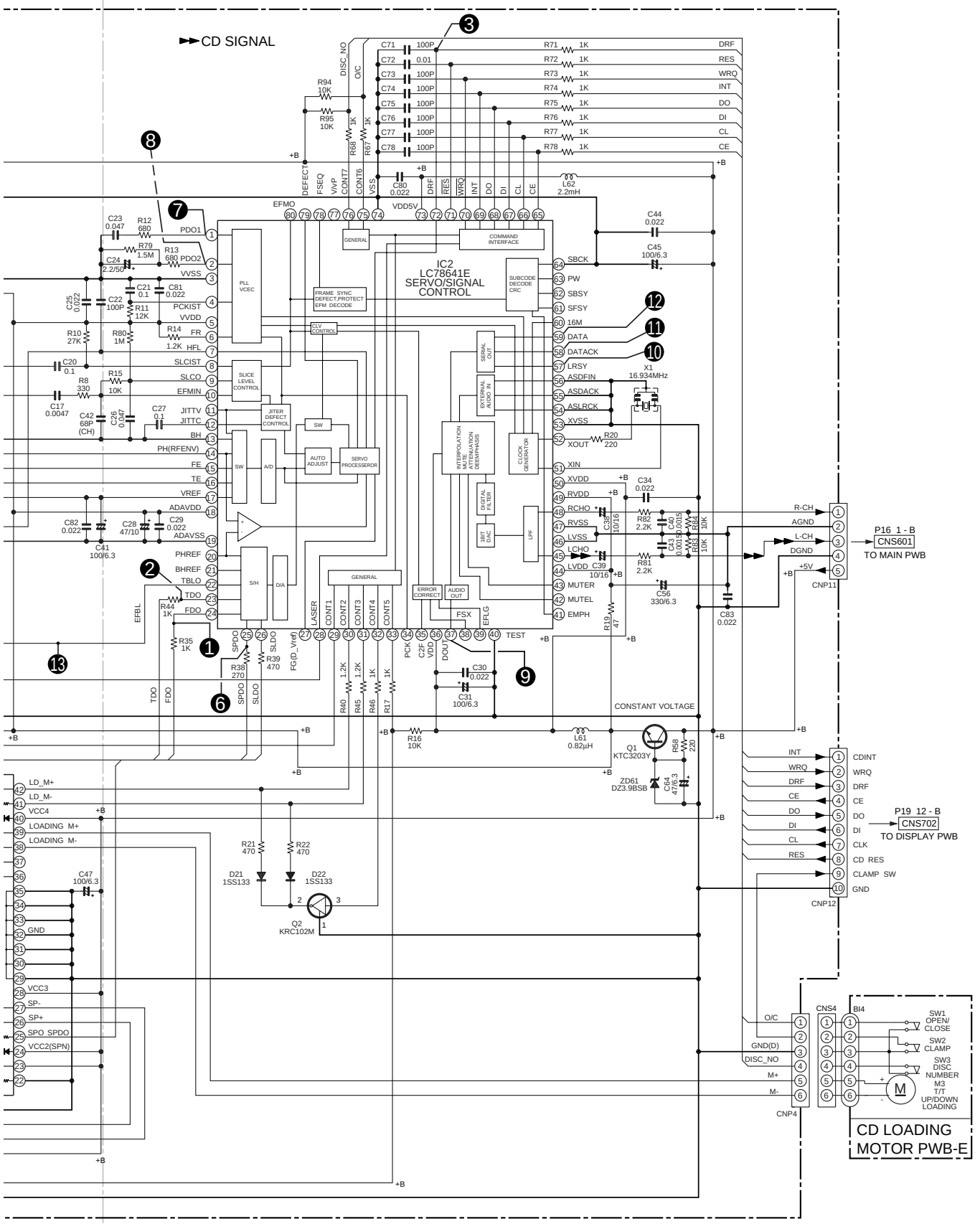


Figure 13 BLOCK DIAGRAM (3/3)



• NOTES ON SCHEMATIC DIAGRAM can be found on page 10.

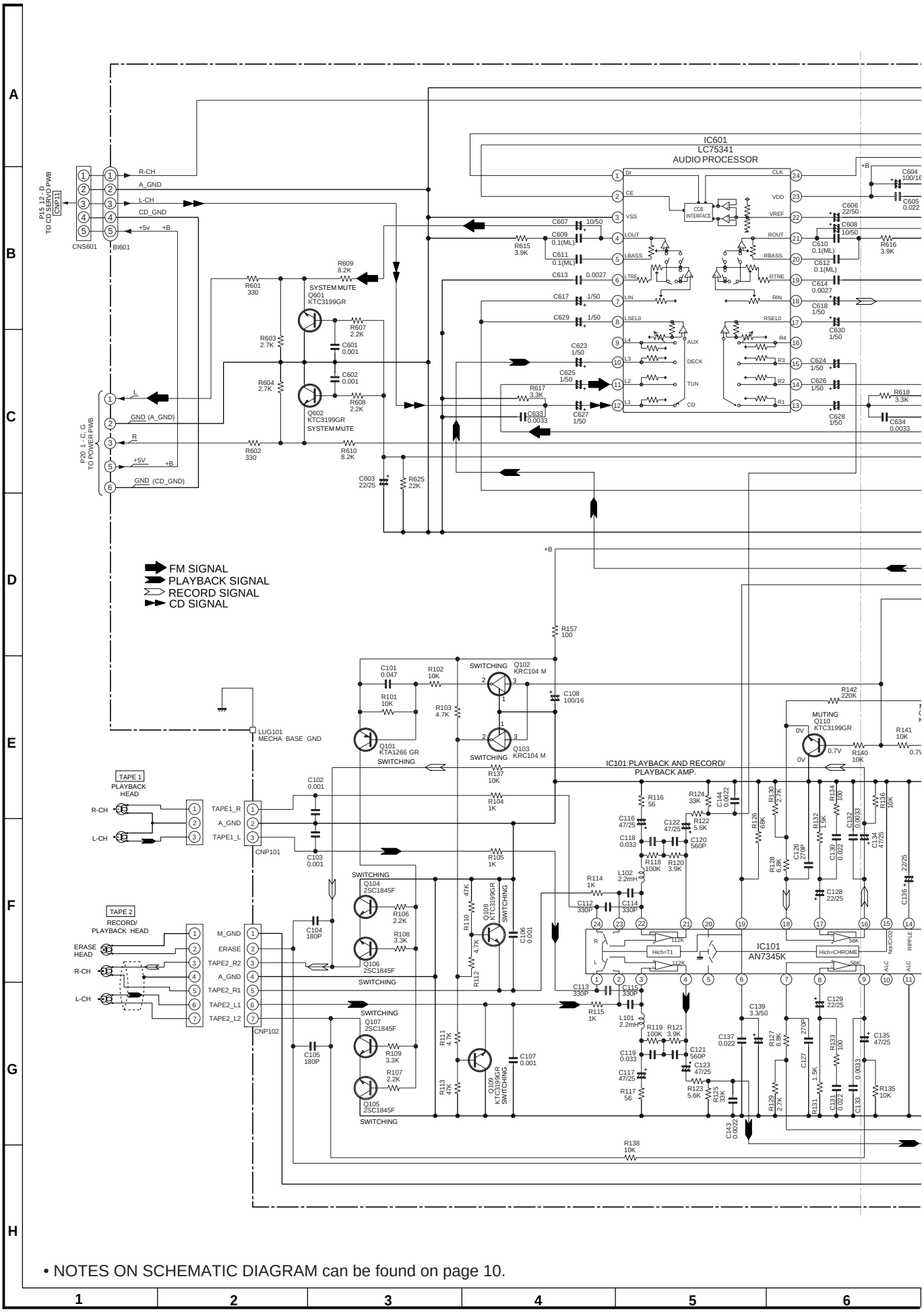
Figure 14 SCHEMATIC DIAGRAM (1/10)



• The numbers 1 to 13 are waveform numbers shown in page 16 (CD-BA1200H).

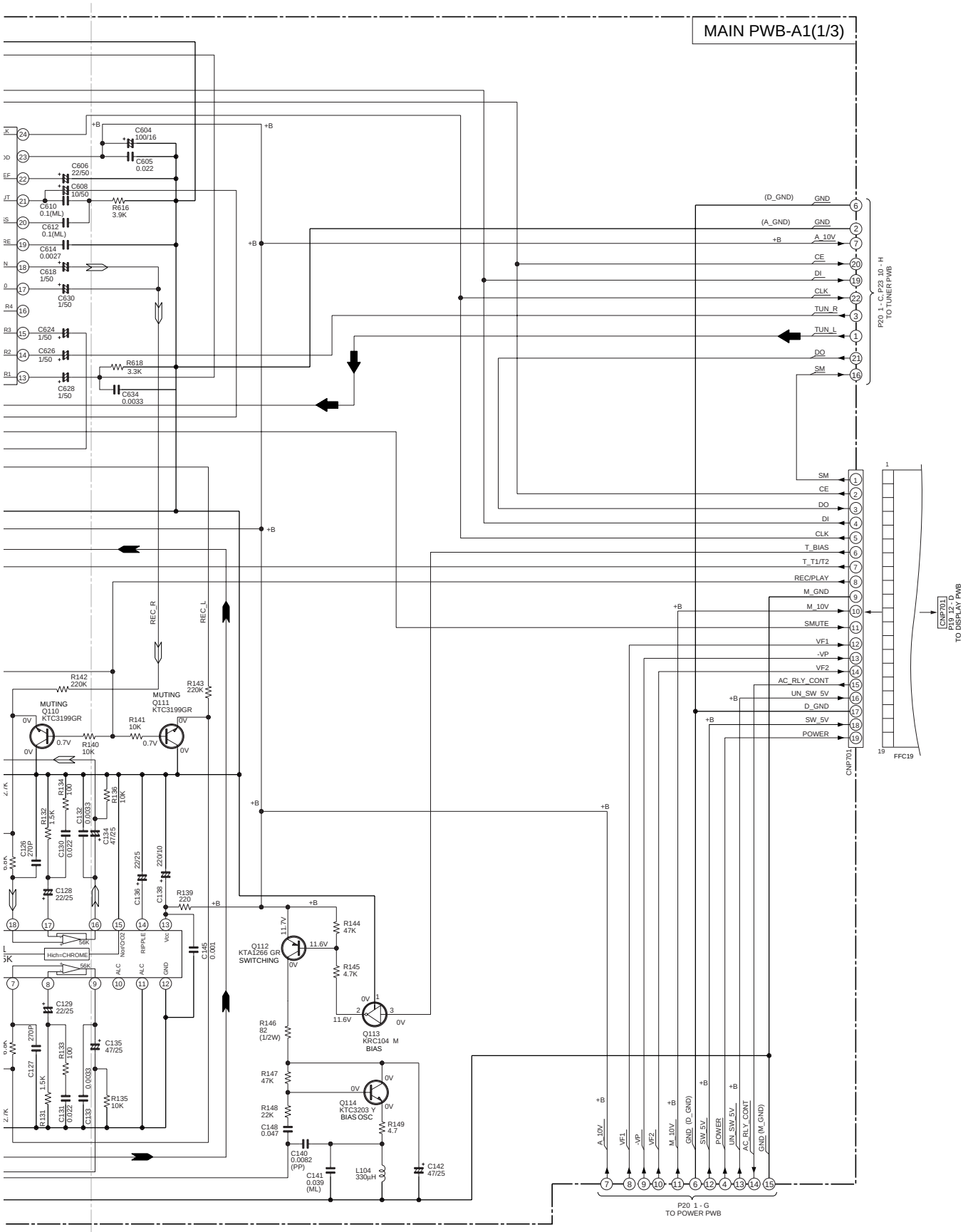
7	8	9	10	11	12

Figure 15 SCHEMATIC DIAGRAM (2/10)



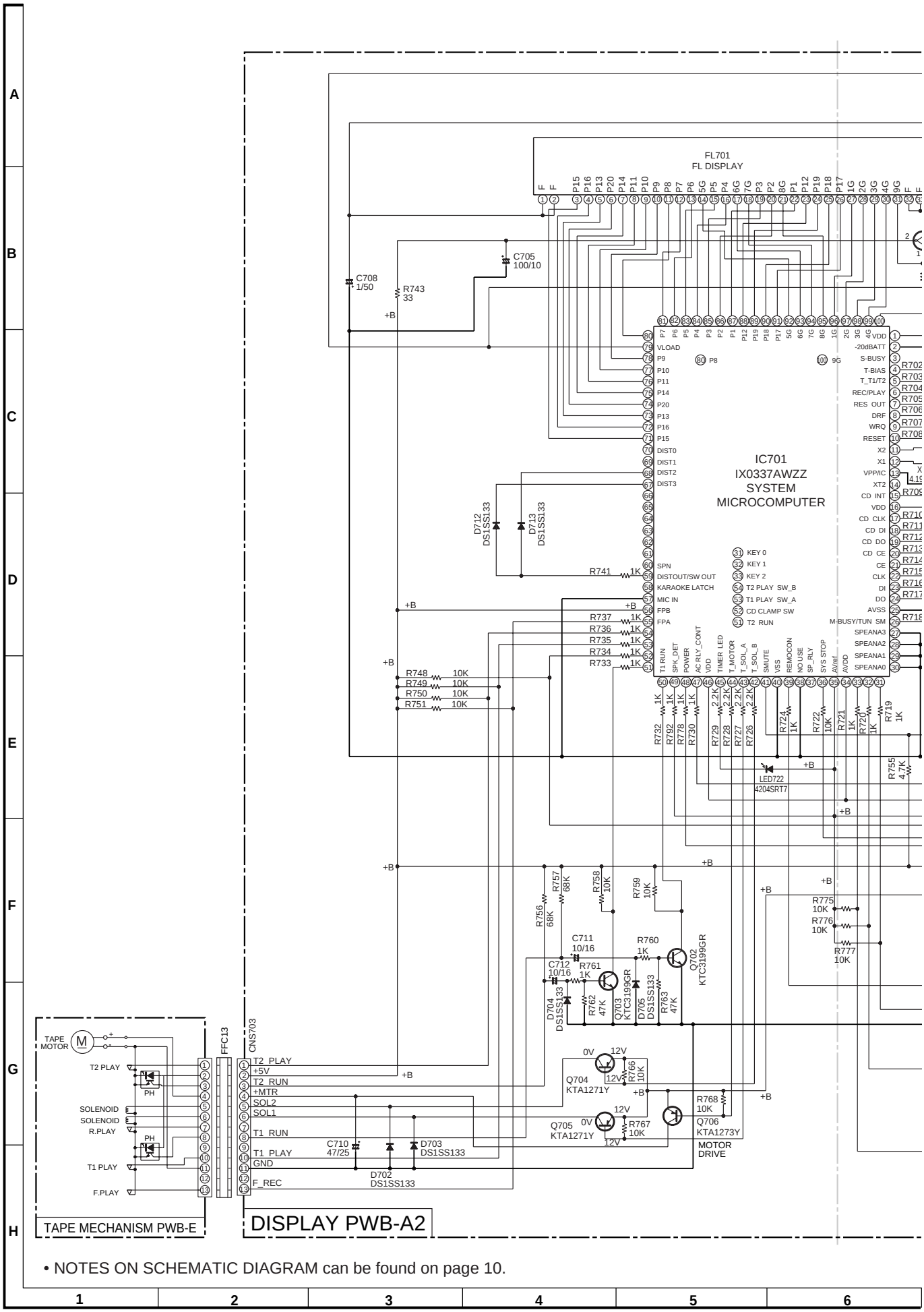
• NOTES ON SCHEMATIC DIAGRAM can be found on page 10.

Figure 16 SCHEMATIC DIAGRAM (3/10)



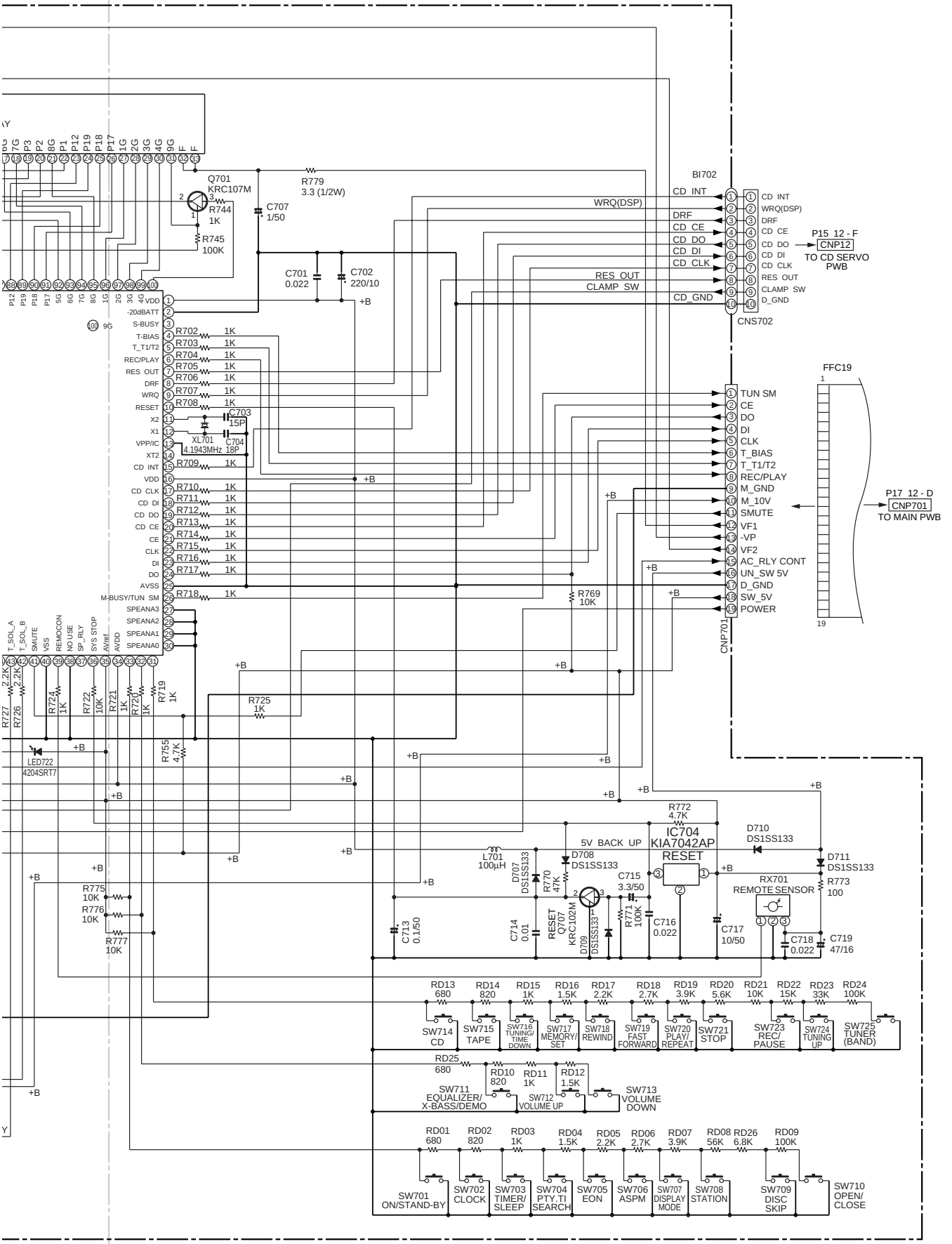
7	8	9	10	11	12

Figure 17 SCHEMATIC DIAGRAM (4/10)



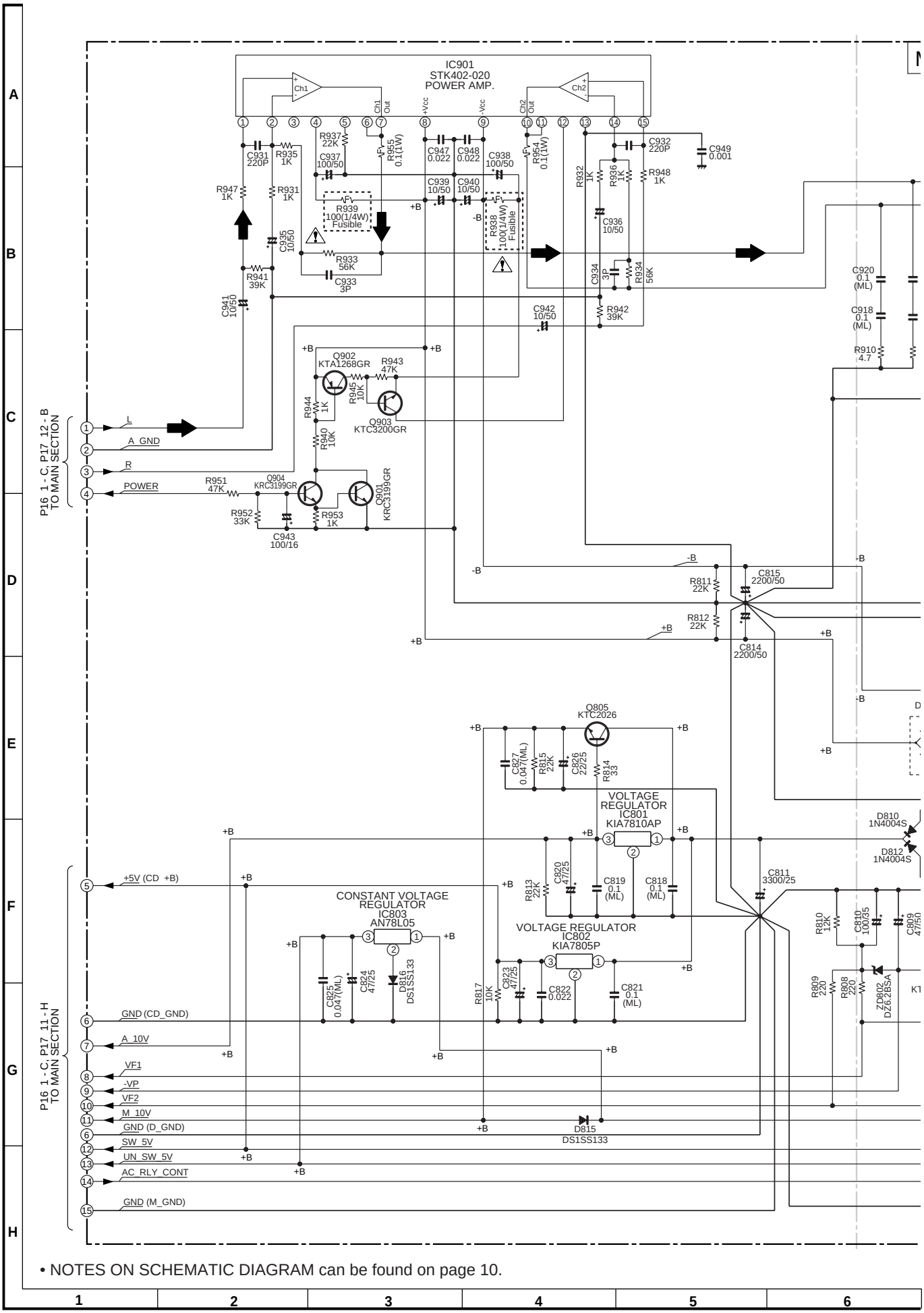
• NOTES ON SCHEMATIC DIAGRAM can be found on page 10.

Figure 18 SCHEMATIC DIAGRAM (5/10)



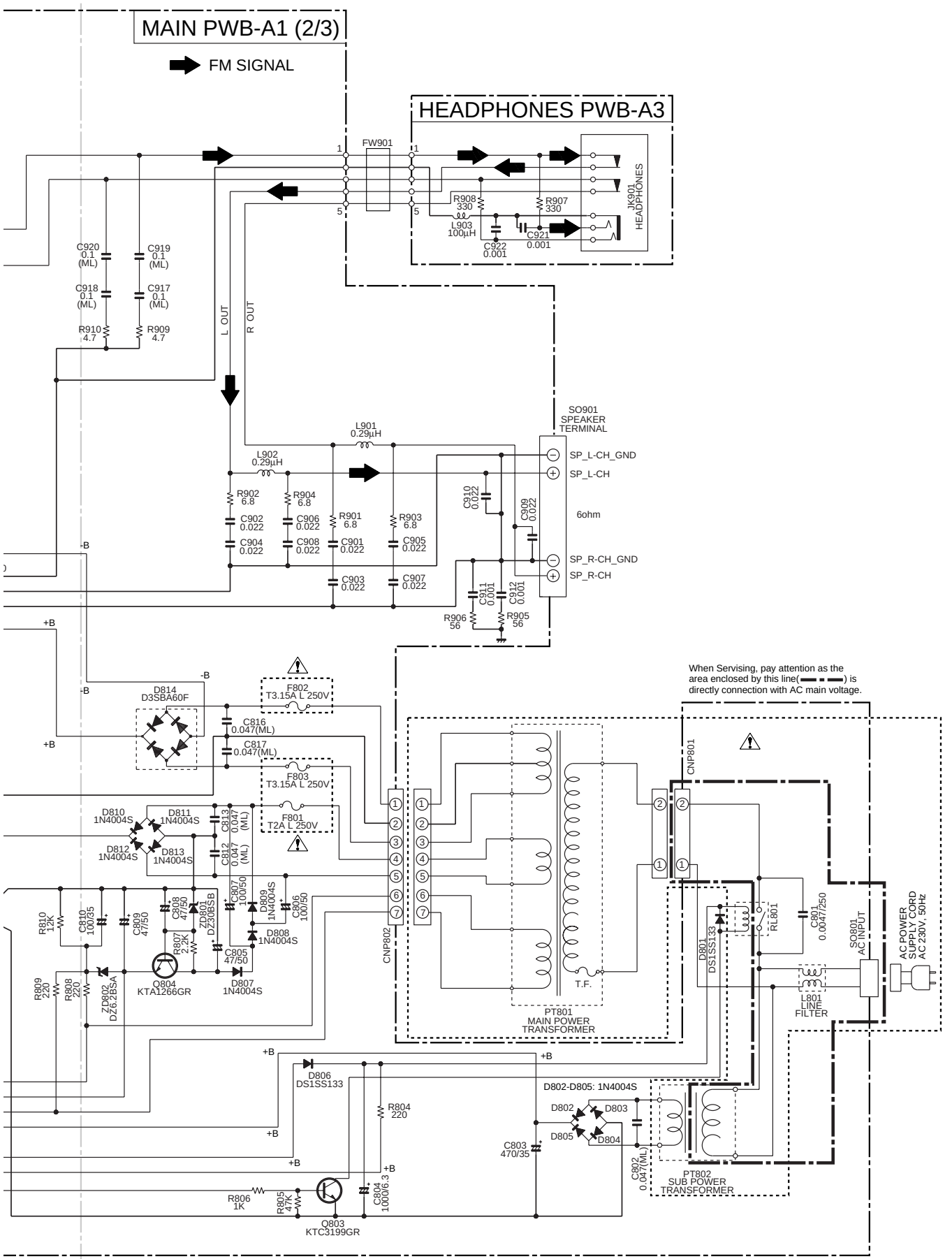
7	8	9	10	11	12

Figure 19 SCHEMATIC DIAGRAM (6/10)



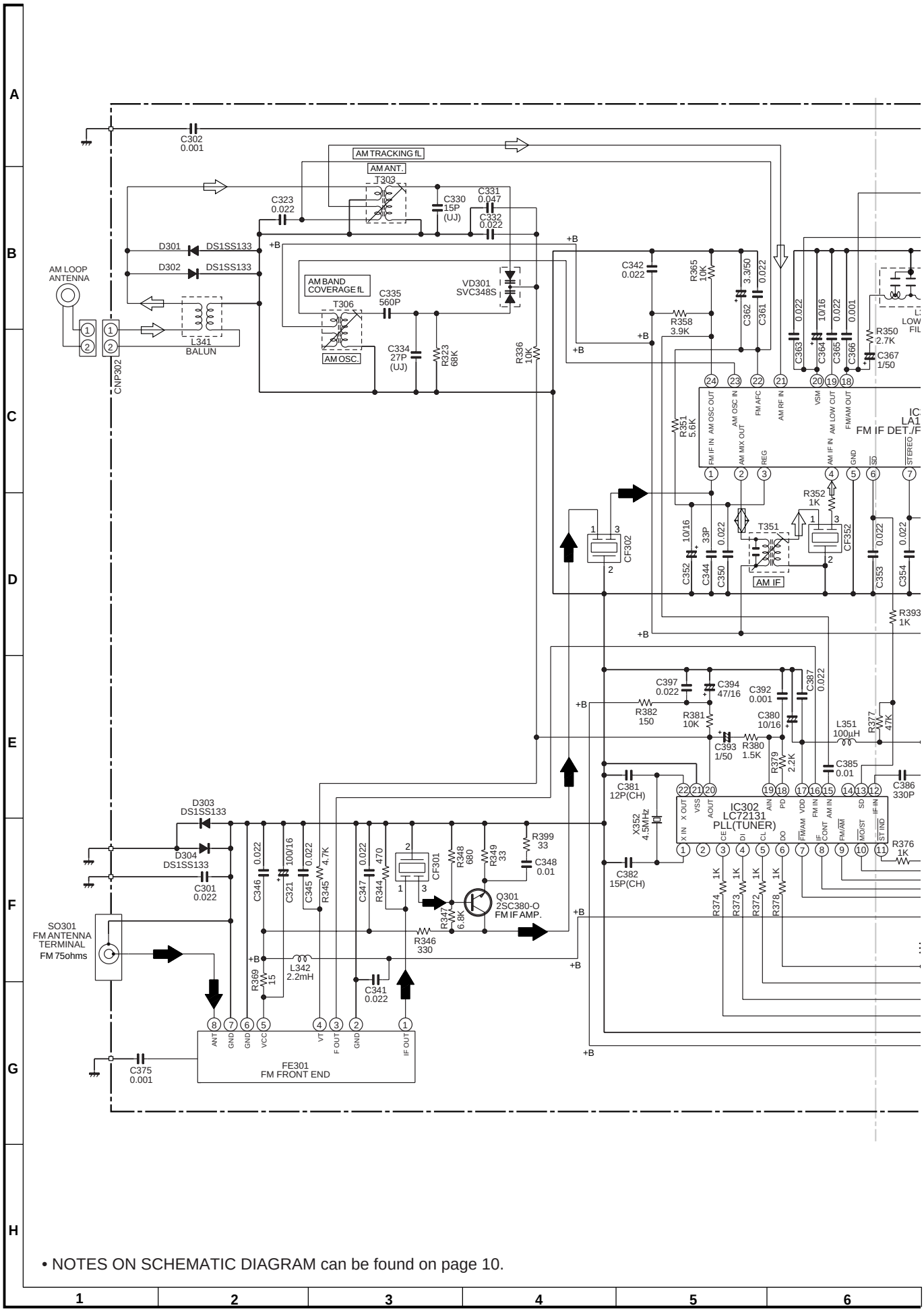
• NOTES ON SCHEMATIC DIAGRAM can be found on page 10.

Figure 20 SCHEMATIC DIAGRAM (7/10)



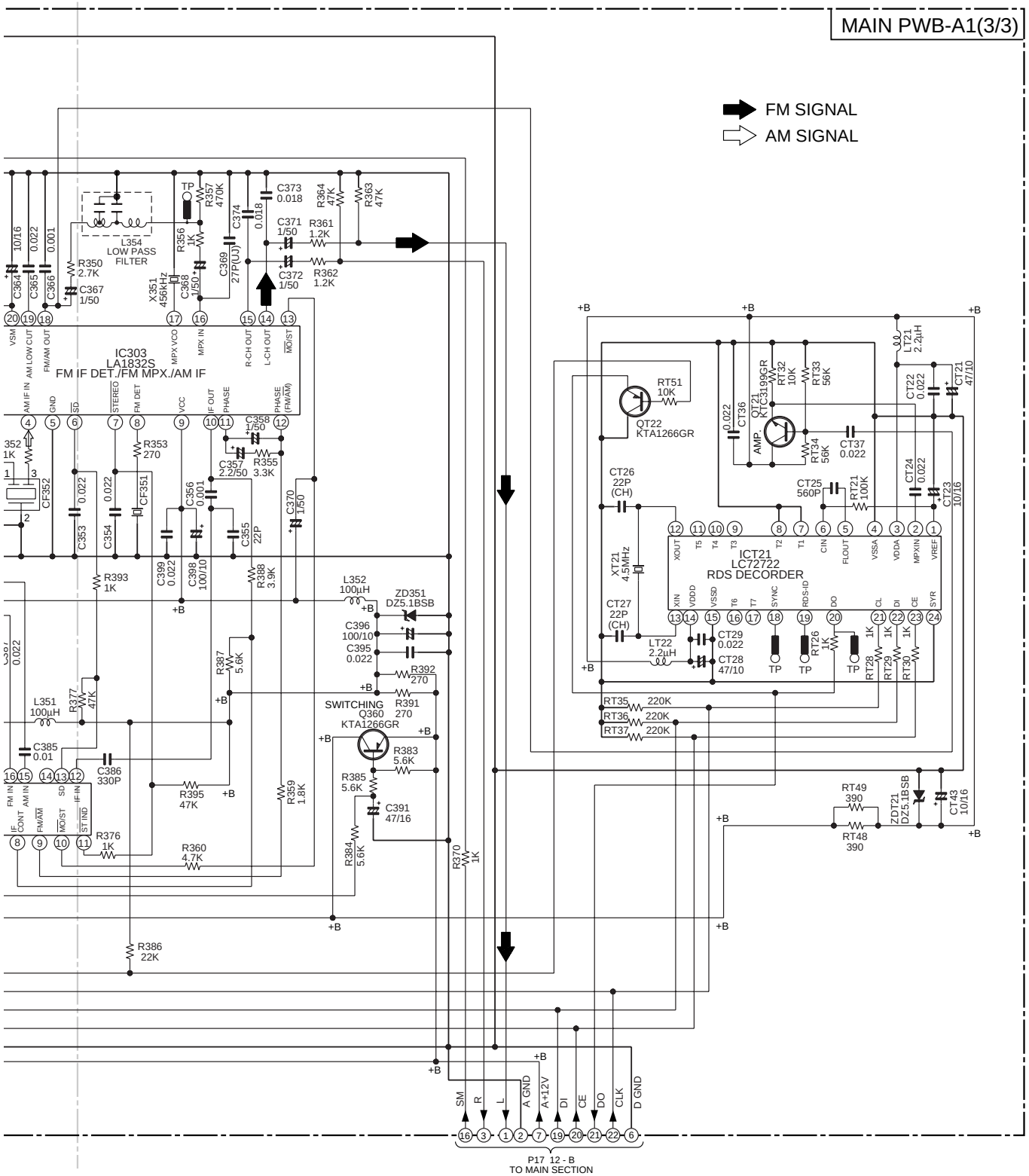
7	8	9	10	11	12

Figure 21 SCHEMATIC DIAGRAM (8/10)



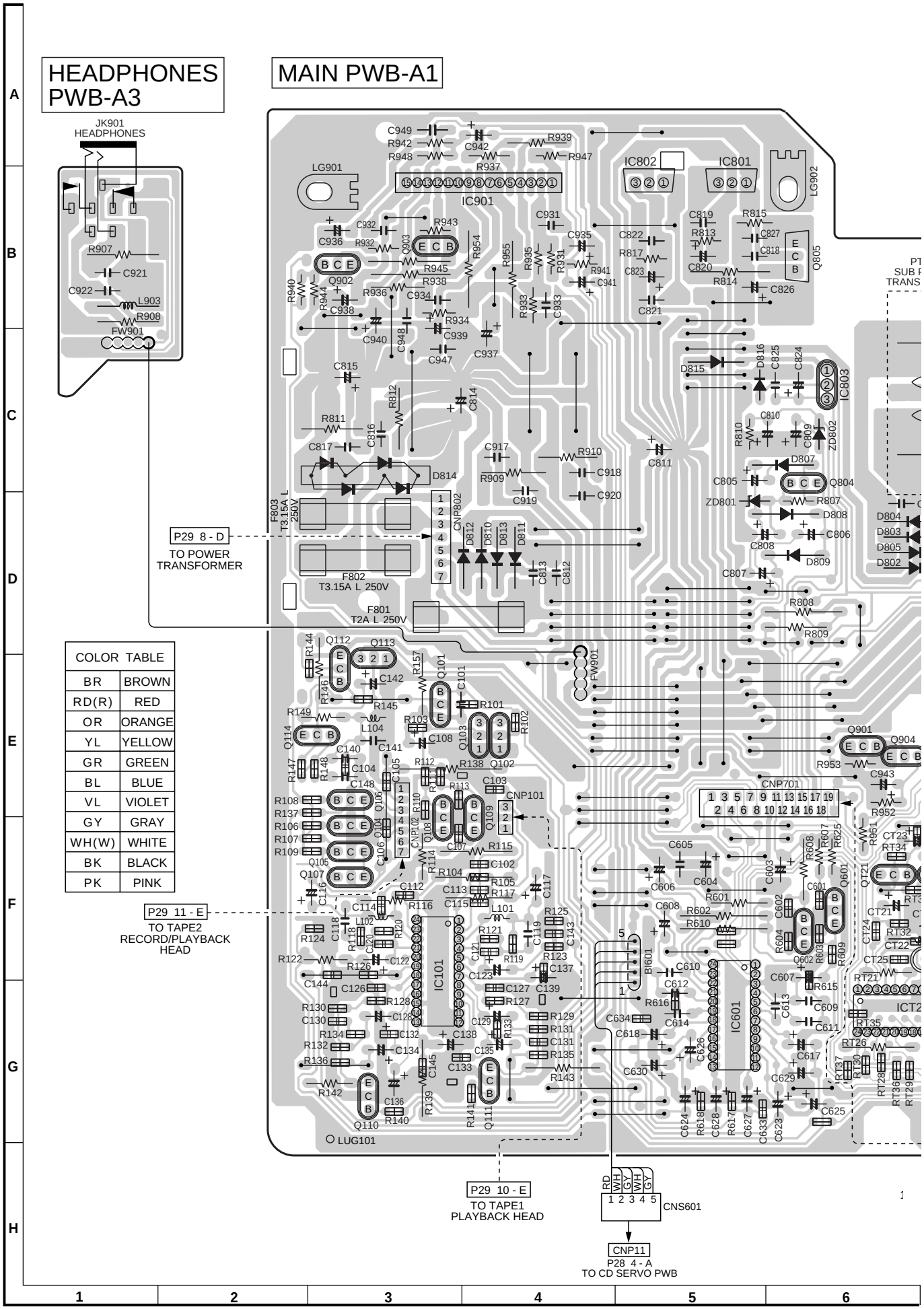
• NOTES ON SCHEMATIC DIAGRAM can be found on page 10.

Figure 22 SCHEMATIC DIAGRAM (9/10)



7	8	9	10	11	12

Figure 23 SCHEMATIC DIAGRAM (10/10)


HEADPHONES PWB-A3
MAIN PWB-A1
JK901 HEADPHONES
R907
C921
C922
L903
R908
FW901
LG901
IC901
IC802
IC801
LG902
IC803
Q805
Q902
Q804
ZD801
ZD802
D814
D815
D807
D808
D809
D804
D803
D805
D802
C805
C806
C807
C808
C809
C810
C811
C812
C813
C814
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R942
R943
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R947
R948
R951
R952
R953
R954
R955
CNP802
CNP701
CNP101
F803 T3.15A L 250V
F802 T3.15A L 250V
F801 T2A L 250V
P29 8 - D
TO POWER TRANSFORMER
P29 11 - E
TO TAPE2 RECORD/PLAYBACK HEAD
P29 10 - E
TO TAPE1 PLAYBACK HEAD
CNS601
RD WH GY WH GY
CNP11
P28 4 - A
TO CD SERVO PWB
LUG101
IC101
IC601
BI601
FW901
Q901
Q904
Q101
Q102
Q103
Q106
Q107
Q108
Q109
Q110
Q111
Q112
Q113
Q114
Q601
Q602
D812
D810
D813
D811
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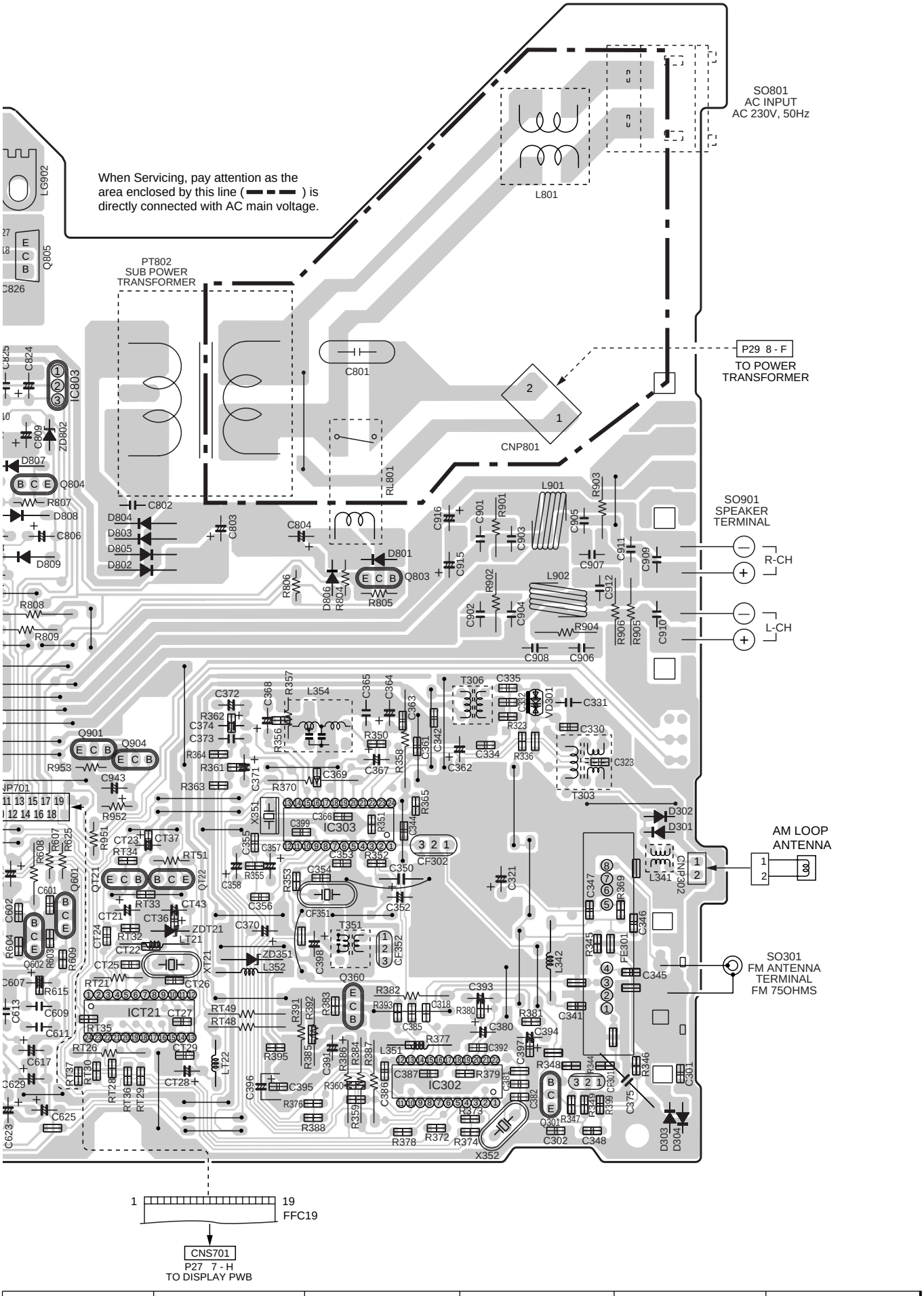
R656



7	8	9	10	11	12

Figure 25 WIRING SIDE OF P.W.BOARD (2/6)

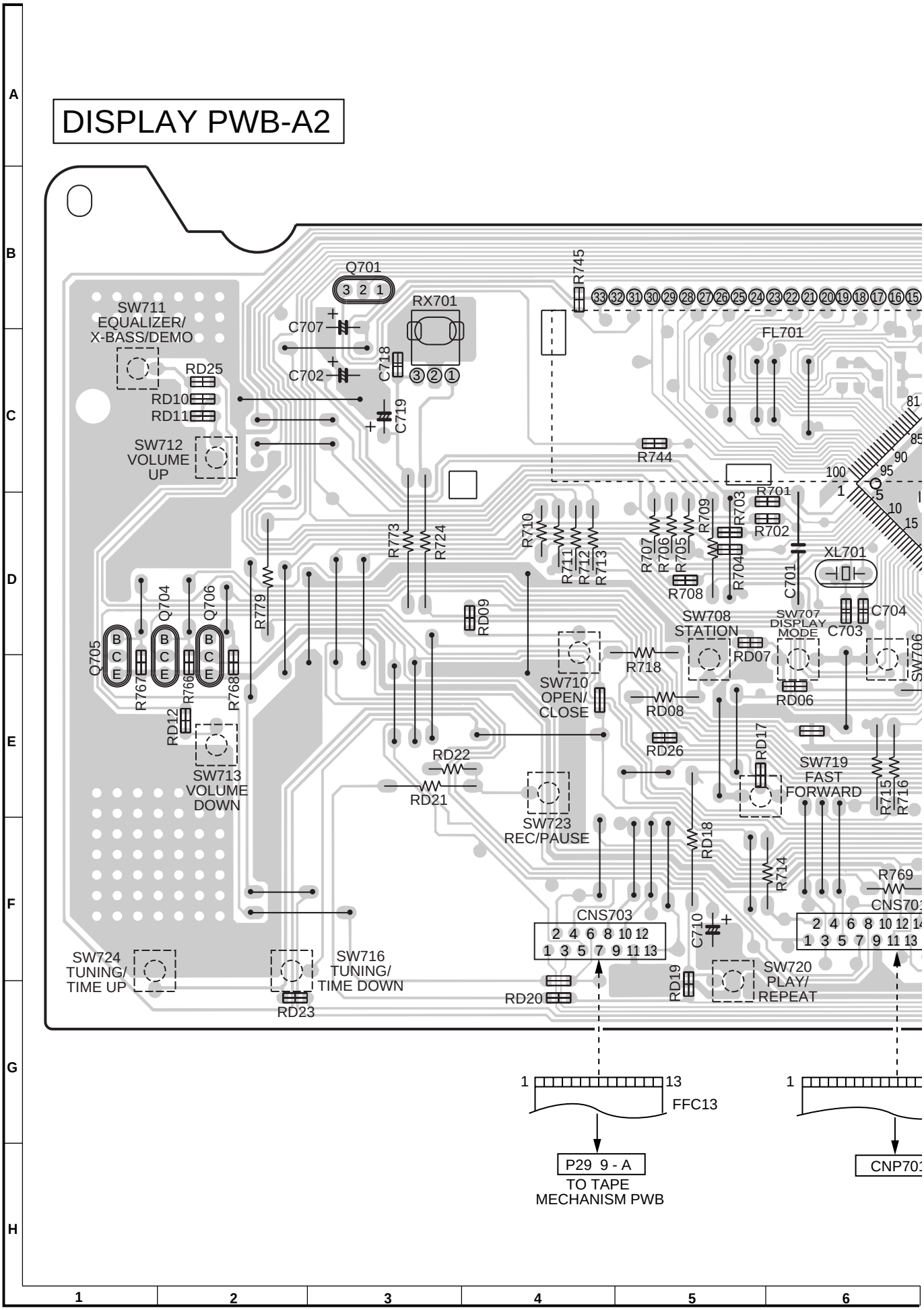
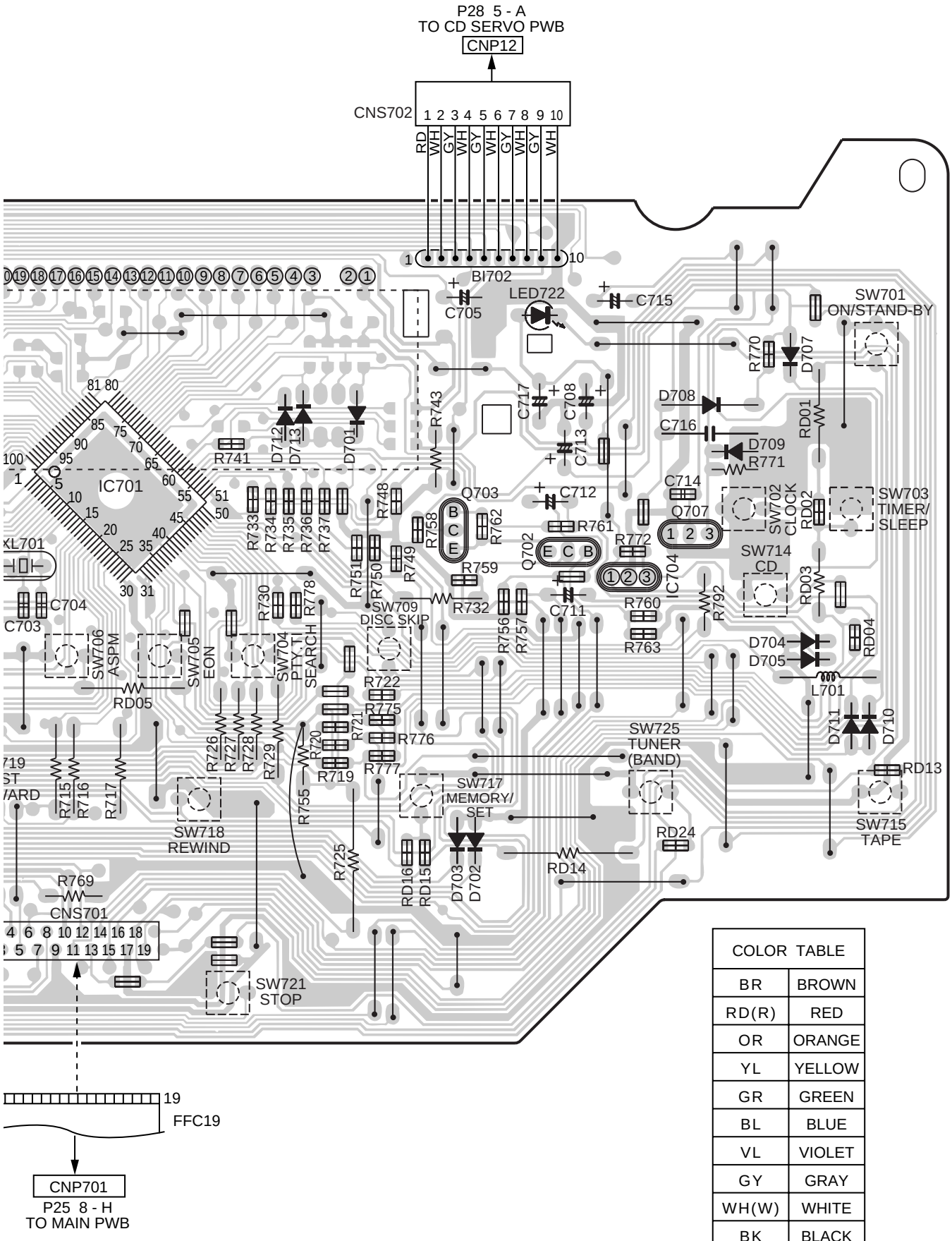


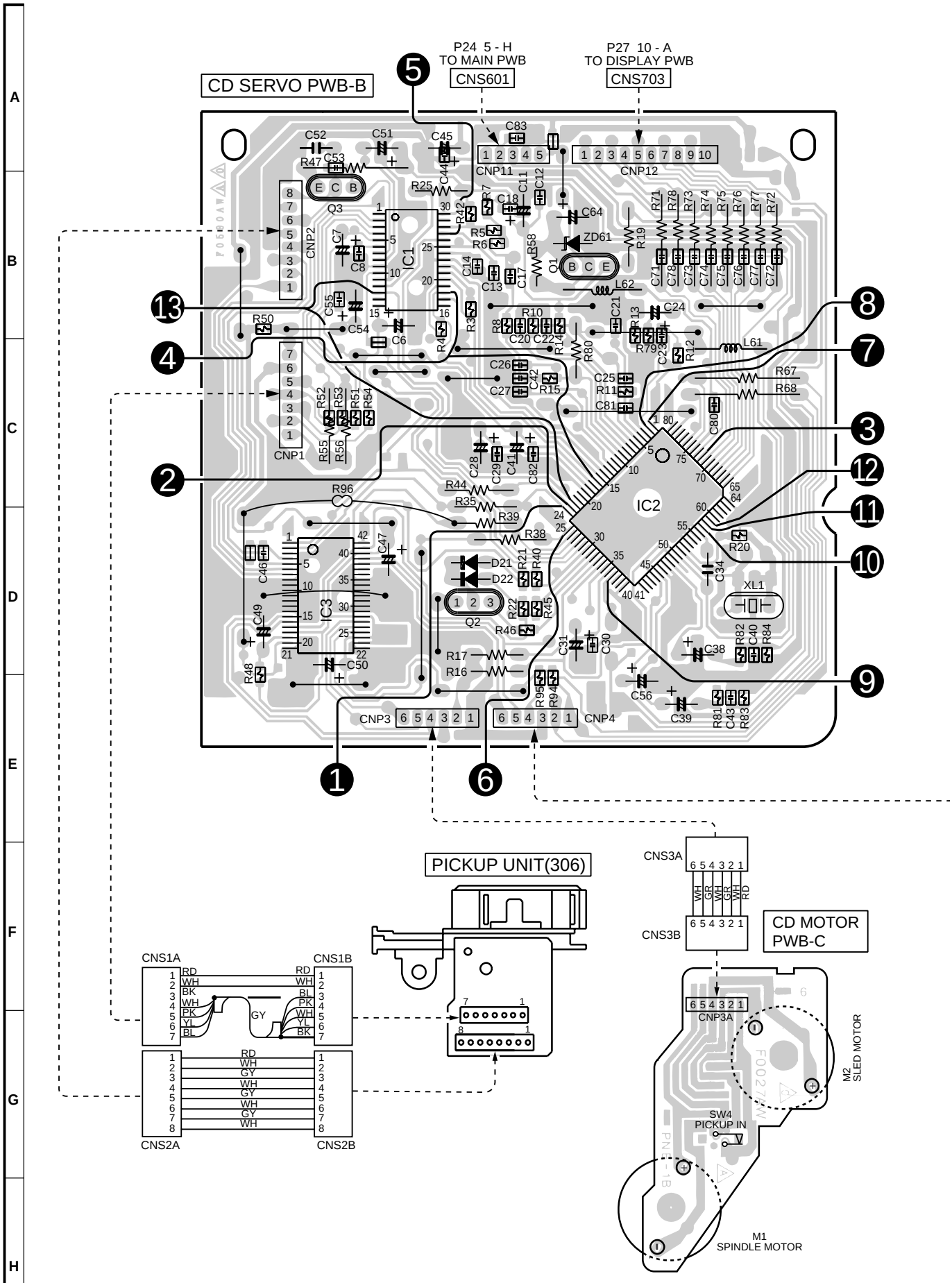
Figure 26 WIRING SIDE OF P.W.BOARD (3/6)



COLOR TABLE	
BR	BROWN
RD(R)	RED
OR	ORANGE
YL	YELLOW
GR	GREEN
BL	BLUE
VL	VIOLET
GY	GRAY
WH(W)	WHITE
BK	BLACK
PK	PINK

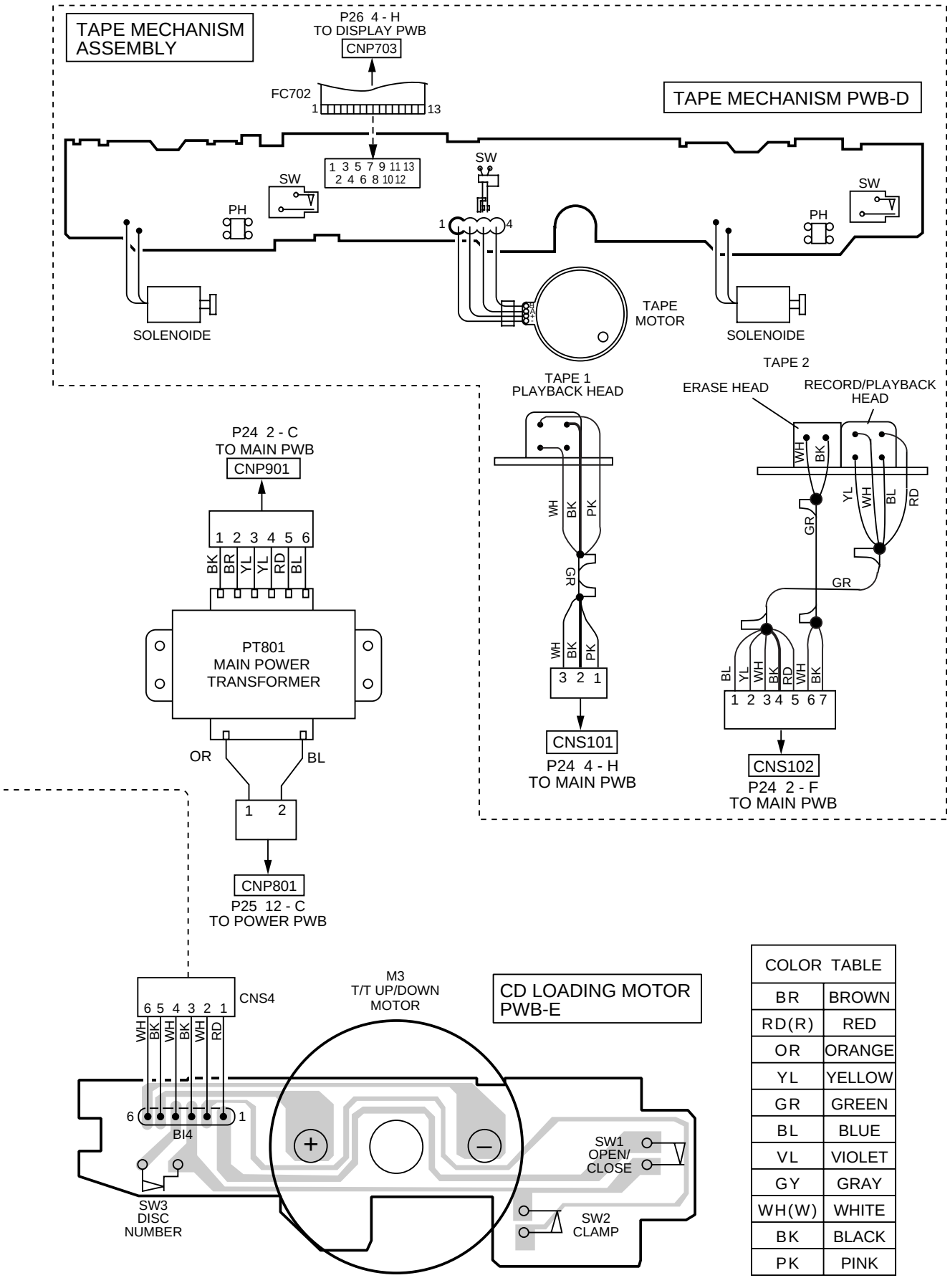
7	8	9	10	11	12

Figure 27 WIRING SIDE OF P.W.BOARD (4/6)



• The numbers ❶ to ⓭ are waveform numbers shown in page 16 (CD-BA1200H).

Figure 28 WIRING SIDE OF P.W.BOARD (5/6)



COLOR TABLE	
BR	BROWN
RD(R)	RED
OR	ORANGE
YL	YELLOW
GR	GREEN
BL	BLUE
VL	VIOLET
GY	GRAY
WH(W)	WHITE
BK	BLACK
PK	PINK

7	8	9	10	11	12

Figure 29 WIRING SIDE OF P.W.BOARD (6/6)

VOLTAGE

IC1	
PIN NO.	VOLTAGE
1	1.6V
2	1.6V
3	1.6V
4	1.6V
5	1.6V
6	1.6V
7	0V
8	2.6V
9	0V
10	0V
11	0V
12	3.3V
13	1.6V
14	1.6V
15	1.6V
16	0V
17	0V
18	1.6V
19	1.6V
20	1.6V
21	1.6V
22	1.6V
23	0V
24	1.6V
25	0V
26	0V
27	0V
28	1.6V
29	1.6V
30	3.3V

IC3	
PIN NO.	VOLTAGE
1	1.6V
2	1.6V
3	1.8V
4	2.1V
5	2.1V
6	2.1V
7	2.1V
8	0V
9	0V
10	0V
11	0V
12	0V
13	0V
14	0V
15	2.1V
16	2.1V
17	1.6V
18	4.9V
19	3.5V
20	1.6V
21	0V
22	0V
23	4.9V
24	4.9V
25	1.6V
26	2.1V
27	2.1V
28	1.9V
29	0V
30	0V
31	0V
32	0V
33	0V
34	0V
35	0V
36	4.2V
37	0V
38	2.1V
39	2.1V
40	4.9V
41	2.1V
42	2.1V

IC2	
PIN NO.	VOLTAGE
1	0.7V
2	0V
3	0V
4	0V
5	3.3V
6	2.4V
7	0V
8	0V
9	1.6V
10	0V
11	4.7V
12	1.7V
13	0V
14	1.6V
15	1.6V
16	1.6V
17	1.6V
18	3.3V
19	0V
20	1.6V
21	1.6V
22	1.6V
23	1.6V
24	1.6V
25	1.6V
26	1.6V
27	1.6V
28	0V
29	0V
30	2.1V
31	2.1V
32	0V
33	3.3V
34	3.5V
35	3.3V
36	3.3V
37	3.3V
38	1.6V
39	1.6V
40	0V
41	0V
42	3.3V
43	3.3V
44	3.0V
45	1.5V
46	0V
47	0V
48	1.5V
49	3.0V
50	3.3V
51	1.8V
52	3.0V
53	0V
54	0V
55	0V
56	0V
57	1.7V
58	3.3V
59	0V
60	3.0V
61	1.6V
62	0V
63	2.4V
64	0V
65	0V
66	0V
67	0V
68	4.8V
69	4.9V
70	4.9V
71	4.6V
72	0V
73	4.9V
74	0V
75	0V
76	0V
77	3.2V
78	0V
79	0V
80	3.4V

IC101	
PIN NO.	VOLTAGE
1	0V(0V)
2	0V(0V)
3	0.5V(0.5V)
4	1.9V(1.9V)
5	0V(0V)
6	0V(0V)
7	0V(0V)
8	0.6V(0.6V)
9	3.3V(3.3V)
10	3.3V(3.3V)
11	0V(0V)
12	0V(0V)
13	6.7V(6.7V)
14	4.0V(4.0V)
15	0V(0V)
16	3.3V(3.3V)
17	0.6V(0.6V)
18	0V(0V)
19	0V(0V)
20	0V(0V)
21	1.9V(1.9V)
22	0.5V(0.5V)
23	0V(0V)
24	0V(0V)

IC301	
PIN NO.	VOLTAGE
1	0.8V (0V)
2	1.5V (0V)
3	3.6V (0.4V)
4	1.5V (0V)
5	0V (0V)
6	3.6V (0.4V)
7	2.8V (0.2V)
8	3.5V (0.3V)
9	3.6V (0.3V)

IC302	
PIN NO.	VOLTAGE
1	2.4V(2.4V)
2	0V(0V)
3	0V(0V)
4	0V(0V)
5	4.6V(4.7V)
6	4.8V(4.9V)
7	0.1V(9.9V)
8	4.2V(0V)
9	0V(0V)
10	0V(0V)
11	4.6V(4.9V)
12	2.2V(0V)
13	4.6V(4.9V)
14	0V(0V)
15	0V(2.4V)
16	2.3V(0V)
17	4.6V(4.9V)
18	0.8V(4.9V)
19	0.8V(4.9V)
20	1.1V(0V)
21	0V(0V)
22	2.5V(3.0V)

IC901	
PIN NO.	VOLTAGE
1	0V
2	0V
3	0V
4	23.2V
5	–21.2V
6	0V
7	0V
8	24.6V
9	–24.6V
10	0V
11	0V
12	22.5V
13	0V
14	0V
15	0V

IC801	
PIN NO.	VOLTAGE
1	21.1V
2	0V
3	5V

IC802	
PIN NO.	VOLTAGE
1	21.1V
2	0V
3	10.2V

Q805	
PIN NO.	VOLTAGE
1	10.04V
2	21.1V
3	9.57V

IC704	
PIN NO.	VOLTAGE
1	5.7V
2	0.6V
3	9.9V

IC601	
PIN NO.	VOLTAGE
1	0V
2	0V
3	0V
4	4.96V
5	4.96V
6	4.96V
7	4.96V
8	4.89V
9	4.78V
10	4.78V
11	4.78V
12	4.78V
13	4.78V
14	4.78V
15	4.78V
16	4.78V
17	5.1V
18	5.5V
19	5.0V
20	4.66V
21	5.03V
22	4.97V
23	10.0V
24	0V

IC701			
PIN NO.	VOLTAGE	PIN NO.	VOLTAGE
1	4.78V	51	4.29V
2	0V	52	0V
3	5.0V	53	4.81V
4	0V	54	4.81V
5	4.69V	55	4.81V
6	4.74V	56	4.81V
7	4.75V	57	0V
8	0V	58	0V
9	4.85V	59	27.8V
10	4.30V	60	–27.8V
11	2.25V	61	0V
12	1.16V	62	0V
13	0V	63	0V
14	0V	64	0V
15	4.85V	65	0V
16	4.78V	66	0V
17	4.67V	67	–27.7V
18	0V	68	–27.7V
19	4.69V	69	–27.1V
20	0V	70	–28.2V
21	0V	71	–21.7V
22	0V	72	–18.6V
23	0V	73	–12.9V
24	4.82V	74	–24.4V
25	0V	75	–25.9V
26	0.3V	76	–15.7V
27	0V	77	–22.2V
28	0V	78	–22.3V
29	0V	79	–27.8V
30	0V	80	–18.6V
31	4.81V	81	–12.9V
32	4.81V	82	–24.4V
33	4.81V	83	–24.4V
34	4.9V	84	–27.1V
35	5.0V	85	–27.1V
36	4.9V	86	–24.4V
37	0V	87	–24.4V
38	0V	88	–27.1V
39	5.0V	89	–27.1V
40	0V	90	–24.4V
41	1.7V	91	–27.1V
42	9.45V	92	–24.4V
43	9.45V	93	–27.1V
44	9.45V	94	–24.4V
45	3.8V	95	–24.4V
46	4.89V	96	–24.4V
47	0V	97	–24.4V
48	4.89V	98	–24.4V
49	4.79V	99	–24.4V
50	4.78V	100	–24.4V

IC303	
PIN NO.	VOLTAGE
1	2.12V
2	4.78V
3	2.12V
4	2.11V
5	0V
6	4.65V
7	4.65V
8	3.02V
9	4.78V
10	4.08V
11	1.63V
12	1.13V
13	2.08V
14	1.31V
15	1.29V
16	2.07V
17	0V
18	1.43V
19	1.99V
20	1.44V
21	2.08V
22	2.08V
23	4.48V
24	3.35V

ICT21	
PIN NO.	VOLTAGE
1	2.6V
2	2.59V
3	5.2V
4	0V
5	2.72V
6	2.55V
7	0V
8	0V
9	0V
10	0V
11	0V
12	2.66V
13	2.56V
14	5.21V
15	0V
16	0V
17	0V
18	1.4V
19	1.7V
20	4.6V
21	4.3V
22	0V
23	0V
24	0V

SHARP PARTS GUIDE

MINI COMPONENT SYSTEM

MODEL CD-BA1300H

CD-BA1300H Mini Component System consisting of CD-BA1300H (main unit) and CP-BA1300H (speaker system).

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following information.

1. MODEL NUMBER
2. REF. No.
3. PART NO.
4. DESCRIPTION

★ MARK: SPARE PARTS-DELIVERY SECTION

For U.S.A. only

Contact your nearest SHARP Parts Distributor to order.

For location of SHARP Parts Distributor,
Please call Toll-Free;
1-800-BE-SHARP

Explanation of capacitors/resistors parts codes

Capacitors

VCC ..... Ceramic type
VCK..... Ceramic type
VCT ..... Semiconductor type
VC • • MF ..... Cylindrical type (without lead wire)
VC • • MN..... Cylindrical type (without lead wire)
VC • • TV..... Square type (without lead wire)
VC • • TQ ..... Square type (without lead wire)
VC • • CY ..... Square type (without lead wire)
VC • • CZ ..... Square type (without lead wire)
VC • • • • • • • • • J .. The 13th character represents capacity difference.
("J" ±5%, "K" ±10%, "M" ±20%, "N" ±30%,
"C" ±0.25 pF, "D" ±0.5 pF, "Z" +80-20%.)

If there are no indications for the electrolytic capacitors, error is ±20%.

Resistors

VRD ..... Carbon-film type
VRS..... Carbon-film type
VRN ..... Metal-film type
VR • • MF ..... Cylindrical type (without lead wire)
VR • • MN..... Cylindrical type (without lead wire)
VR • • TV..... Square type (without lead wire)
VR • • TQ ..... Square type (without lead wire)
VR • • CY ..... Square type (without lead wire)
VR • • CZ ..... Square type (without lead wire)
VR • • • • • • • • • J .. The 13th character represents error.
("J" ±5%, "F" ±1%, "D" ±0.5%.)

If there are no indications for other parts, the resistors are ±5% carbon-film type.

NOTE:
Parts marked with "⚠" are important for maintaining the safety of the set.
Be sure to replace parts with specified ones for maintaining the safety and performance of the set.

CD-BA1300H

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION

CD-BA1300H

INTEGRATED CIRCUITS

IC1	VHILA9235M/-1	J	AQ	Servo Amp.,LA9235M
IC2	VHILC78641E-1	J	AV	Servo/Signal Control,LC78641E
IC3	VHIM63001FP-1	J	AX	Focus/Tracking/Spin/Sled Driver, M63001FP
IC101	VHIAN7345K/-1	J	AM	Playback and Record/Playback Amp.,AN7345K
IC302	VHILC72131/-1	J	AP	PLL (Tuner),LC72131
IC303	VHILA1832S/-1	J	AN	FM IF Det./FM Mpx./AM IF, LA1832S
IC601	VHILC75341/-1	J	AM	Audio Processor,LC75341
IC701	RH-IX0337AWZZ	J	AX	System Microcomputer, IX0337AW
IC704	VHIKIA7042AP1	J	AC	Reset,KIA7042AP
IC801	VHIKIA7810AP1	J	AF	Voltage Regulator,KIA7810AP
IC802	VHIKIA7805P-1	J	AF	Voltage Regulator,KIA7805P
IC803	VHIAN78L05/-1	J	AE	Constant Voltage Regulator, AN78L05
IC901	VHISTK40202-1	J	AW	Power AMP.,STK40202
ICT21	VHILC72722/-1	J	AY	RDS Decorder,LC72722

TRANSISTORS

Q1	VSKTC3203Y/-1	J	AC	Silicon,NPN,KTC3203 Y
Q2	VSKRC102M//-1	J	AC	Digital,NPN,KRC102 M
Q3	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q101	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q102,103	VSKRC104M//-1	J	AC	Digital,NPN,KRC104 M
Q104~107	VS2SC1845F/-1	J	AC	Silicon,NPN,2SC1845 F
Q108~111	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q112	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q113	VSKRC104M//-1	J	AC	Digital,NPN,KRC104 M
Q114	VSKTC3203Y/-1	J	AC	Silicon,NPN,KTC3203 Y
Q301	VS2SC380-O/-1	J	AC	Silicon,NPN,2SC380 O
Q360	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q601,602	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q701	VSKRC107M//-1	J	AC	Digital,NPN,KRC107 M
Q702,703	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q704,705	VSKTA1271Y/-1	J	AC	Silicon,PNP,KTA1271 Y
Q706	VSKTA1273Y/-1	J	AE	Silicon,PNP,KTA1273 Y
Q707	VSKRC102M//-1	J	AC	Digital,NPN,KRC102 M
Q803	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q804	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q805	VSKTC2026//-1	J	AF	Silicon,NPN,KTC2026
Q901	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q902	VSKTA1268GR-1	J	AC	Silicon,PNP,KTA1268 GR
Q903	VSKTC3200GR-1	J	AC	Silicon,NPN,KTC3200 GR
Q904	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
QT21	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
QT22	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR

DIODES

D21,22	VHD1SS133//-1	J	AA	Silicon,1SS133
D301~304	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D702~705	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D707~713	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D801	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D802~805	VHD1N4004S/-1	J	AB	Silicon,1N4004S
D806	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D807~813	VHD1N4004S/-1	J	AB	Silicon,1N4004S
D814	VHDD3SBA60F-1	J		Silicon,D3SBA60F
D815,816	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
LED722	VHP4204SRT7-1	J	AD	LED,Red,4204SRT7
ZD61	VHEDZ3R9BSB-1	J	AC	Zener,3.9V,DZ3.9BSB
ZD351	VHEDZ5R1BSB-1	J	AC	Zener,5.1V,DZ5.1BSB
ZD801	VHEDZ300BSB-1	J	AB	Zener,30V,DZ30BSB
ZD802	VHEDZ6R2BSA-1	J	AB	Zener,6.2V,DZ6.2BSA
ZDT21	VHEDZ5R1BSB-1	J	AC	Zener,5.1V,DZ5.1BSB

FILTERS

CF301,302	RCILF0072AFZZ	J	AC	510 µH,Bias Oscillator
CF351	RFILF0003AWZZ	J	AK	FM IF
CF352	RFILA0009AWZZ	J	AE	AM IF

TRANSFORMERS

⚠PT801	RTRNP0300AWZZ	J	BA	Power,Main
⚠PT802	RTRNP0313AWZZ	J	AN	Power,Sub
T303	RCILA0052AWZZ	J	AE	AM Tracking
T306	RCILB0058AWZZ	J	AC	AM OSC
T351	RCILI0019AWZZ	J	AD	AM IF

COILS

L61	VP-XHR82K0000	J	AC	0.82 µH
L62	VP-DH2R2K0000	J	AB	2.2 mH,Peaking
L101,102	VP-MK2R2K0000	J	AC	2.2 mH
L104	VP-MK331K0000	J	AB	330 µH,Choke
L341	RBLN-0002AWZZ	J	AE	Balun
L342	VP-DH2R2K0000	J	AB	2.2 mH,Peaking
L351,352	VP-DH101K0000	J	AB	100 µH,Choke
L354	RFILL0001AWZZ	J	AE	Low Pass Filter
L701	VP-DH101K0000	J	AB	100 µH,Choke
⚠L801	RCILZ0022AWZZ	J	AG	Line Filter
L901,902	RCILZ0137AFZZ	J	AA	0.29 µH
L903	VP-DH101K0000	J	AB	100 µH,Choke
LT21,22	VP-XH2R2K0000	J	AB	2.2 µH,Choke

VARIABLE CAPACITOR

VD301	VHCSVC348S/-1	J	AK	Variable Capacitance,SVC348S

VIBRATORS

X1	92LCRSTL1746AT	J	AH	Crystal,16.934 MHz
X351	92LCRSTL1425A	J	AF	Crystal,456 kHz
X352	RCRSP0002AWZZ	J	AH	Crystal,4.5 MHz
XL701	RCRSP0003AWZZ	J	AH	Crystal,4.1943 MHz
XT21	RCRSP0019AWZZ	J		Crystal,4.5 MHz

CAPACITORS

C6	VCEAZA0JW107M	J	AC	100 µF,6.3V,Electrolytic
C7	VCEAZA1CW106M	J	AC	10 µF,16V,Electrolytic
C8	VCKYTV1EF223Z	J	AA	0.022 µF,25V
C11	RC-EZY476AF0J	J	AB	47 µF,6.3V,Electrolytic
C12	VCKYTV1EF223Z	J	AA	0.022 µF,25V
C13	VCKYTV1HB103K	J	AA	0.01 µF,50V
C14	VCFYDA1HA334J	J	AC	0.33 µF,50V,Polyester
C17	VCKYTV1HB472K	J	AA	0.0047 µF,50V
C18	VCCCTV1HH3R0C	J	AA	3 pF (CH),50V
C20,21	VCTYPA1CX104K	J	AB	0.1 µF,16V
C22	VCKYTV1HB101K	J	AA	100 pF,50V
C23	VCTYPA1CX473K	J	AA	0.047 µF,16V
C24	VCEAZA1HW225M	J	AB	2.2 µF,50V,Electrolytic
C25	VCKYTV1EF223Z	J	AA	0.022 µF,25V
C26	VCTYPA1CX473K	J	AA	0.047 µF,16V
C27	VCKYBT1HF104Z	J		0.1 µF,50V
C28	VCEAZA1AW476M	J	AB	47 µF,10V,Electrolytic
C29,30	VCKYTV1EF223Z	J	AA	0.022 µF,25V
C31	VCEAZA0JW107M	J	AC	100 µF,6.3V,Electrolytic
C34	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C38,39	VCEAZA1CW106M	J	AC	10 µF,16V,Electrolytic
C40	VCKYTV1HB152K	J	AA	0.0015 µF,50V
C41	VCEAZA0JW107M	J	AC	100 µF,6.3V,Electrolytic
C42	VCCCTV1HH680J	J	AA	68 pF (CH),50V
C43	VCKYTV1HB152K	J	AA	0.0015 µF,50V
C44	VCKYTV1EF223Z	J	AA	0.022 µF,25V
C45	VCEAZA0JW107M	J	AC	100 µF,6.3V,Electrolytic
C46	VCKYTV1EF223Z	J	AA	0.022 µF,25V
C47	VCEAZA0JW107M	J	AC	100 µF,6.3V,Electrolytic
C49,50	VCEAZA0JW107M	J	AC	100 µF,6.3V,Electrolytic
C51	VCEAZA1AW476M	J	AB	47 µF,10V,Electrolytic
C52	VCTYPA1CX103K	J	AA	0.01 µF,16V
C53	VCKYTV1HB102K	J	AA	0.001 µF,50V
C54	VCEAZA1AW476M	J	AB	47 µF,10V,Electrolytic
C55	VCKYTV1HB103K	J	AA	0.01 µF,50V
C56	VCEAZA0JW337M	J	AC	330 µF,6.3V,Electrolytic
C64	RC-EZY476AF0J	J	AB	47 µF,6.3V,Electrolytic
C71	VCKYTV1HB101K	J	AA	100 pF,50V
C72	VCKYTV1HB103K	J	AA	0.01 µF,50V
C73~78	VCKYTV1HB101K	J	AA	100 pF,50V
C80~83	VCKYTV1EF223Z	J	AA	0.022 µF,25V
C101	VCKZPA1HF473Z	J	AA	0.047 µF,50V
C102,103	VCKYMN1HB102K	J	AA	0.001 µF,50V
C104,105	VCKYMN1HB181K	J	AA	180 pF,50V

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
C106,107	VCKYMN1HB102K	J	AA	0.001 µF,50V
C108	VCEAZA1CW107M	J	AC	100 µF,16V,Electrolytic
C112~115	VCKYMN1HB331K	J	AA	330 pF,50V
C116,117	VCEAZA1EW476M	J	AB	47 µF,25V,Electrolytic
C118,119	VCTYPA1EX333K	J	AA	0.033 µF,25V
C120,121	VCKYMN1HB561K	J	AA	560 pF,50V
C122,123	VCEAZA1EW476M	J	AB	47 µF,25V,Electrolytic
C126,127	VCKYMN1HB271K	J	AA	270 pF,50V
C128,129	VCEAZA1EW226M	J	AB	22 µF,25V,Electrolytic
C130,131	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C132,133	VCTYMN1CX332K	J	AA	0.0033 µF,16V
C134,135	VCEAZA1EW476M	J	AB	47 µF,25V,Electrolytic
C136	VCEAZA1EW226M	J	AB	22 µF,25V,Electrolytic
C137	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C138	VCEAZA1AW227M	J	AC	220 µF,10V,Electrolytic
C139	VCEAZA1HW335M	J	AB	3.3 µF,50V,Electrolytic
C140	VCQPKA2AA822J	J	AA	0.0082 µF,100V,Polypropylene
C141	VCQYKA1HM393K	J	AB	0.039 µF,50V,Mylar
C142	VCEAZA1EW476M	J	AB	47 µF,25V,Electrolytic
C143,144	VCTYMN1CX222K	J	AA	0.0022 µF,16V
C145	VCKYMN1HB102K	J	AA	0.001 µF,50V
C148	VCKZPA1HF473Z	J	AA	0.047 µF,50V
C301	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C302	VCKYMN1HB102K	J	AA	0.001 µF,50V
C321	VCEAZA1CW107M	J	AC	100 µF,16V,Electrolytic
C323	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C330	VCCUMN1HJ150J	J	AA	15 pF (UJ),50V
C331	VCKZPA1HF473Z	J	AA	0.047 µF,50V
C332	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C334	VCCUMN1HJ270J	J	AA	27 pF (UJ),50V
C335	VCKYMN1HB561K	J	AA	560 pF,50V
C341,342	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C344	VCKYMN1HB330J	J		33 pF,50V
C345~347	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C348	VCTYMN1CY103N	J	AA	0.01 µF,16V
C350	VCTYBT1EF223Z	J	AA	0.022 µF,25V
C352	VCEAZA1CW106M	J	AC	10 µF,16V,Electrolytic
C353,354	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C355	VCCSMN1HL220J	J	AA	22 pF,50V
C356	VCKYMN1HB102K	J	AA	0.001 µF,50V
C357	VCEAZA1HW225M	J	AB	2.2 µF,50V,Electrolytic
C358	VCEAZA1HW105M	J	AB	1 µF,50V,Electrolytic
C361	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C362	VCEAZA1HW335M	J	AB	3.3 µF,50V,Electrolytic
C363	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C364	VCEAZA1CW106M	J	AC	10 µF,16V,Electrolytic
C365	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C366	VCKYMN1HB102K	J	AA	0.001 µF,50V
C367,368	VCEAZA1HW105M	J	AB	1 µF,50V,Electrolytic
C369	VCCUMN1HJ270J	J	AA	27 pF (UJ),50V
C370~372	VCEAZA1HW105M	J	AB	1 µF,50V,Electrolytic
C373,374	VCTYPA1CX183K	J	AA	0.018 µF,16V
C375	VCKYBT1HB102K	J	AA	0.001 µF,50V
C380	VCEAZA1CW106M	J	AC	10 µF,16V,Electrolytic
C381	VCCCMN1HH120J	J	AA	12 pF (CH),50V
C382	VCCCMN1HH150J	J	AA	15 pF (CH),50V
C385	VCTYMN1CY103N	J	AA	0.01 µF,16V
C386	VCKYMN1HB331K	J	AA	330 pF,50V
C387	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C391	VCEAZA1CW476M	J	AB	47 µF,16V,Electrolytic
C392	VCKYMN1HB102K	J	AA	0.001 µF,50V
C393	VCEAZA1HW105M	J	AB	1 µF,50V,Electrolytic
C394	VCEAZA1CW476M	J	AB	47 µF,16V,Electrolytic
C395	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C396	VCEAZA1AW107M	J	AB	100 µF,10V,Electrolytic
C397	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C398	VCEAZA1AW107M	J	AB	100 µF,10V,Electrolytic
C399	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C601,602	VCKYMN1HB102K	J	AA	0.001 µF,50V
C603	VCEAZA1EW226M	J	AB	22 µF,25V,Electrolytic
C604	VCEAZA1CW107M	J	AC	100 µF,16V,Electrolytic
C605	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C606	VCEAZA1HW226M	J	AB	22 µF,50V,Electrolytic
C607,608	VCEAZA1HW106M	J	AB	10 µF,50V,Electrolytic
C609~612	VCQYKA1HM104K	J	AB	0.1 µF,50V,Mylar
C613,614	VCTYPA1CX272K	J	AA	0.0027 µF,16V
C617,618	VCEAZA1HW105M	J	AB	1 µF,50V,Electrolytic
C623~630	VCEAZA1HW105M	J	AB	1 µF,50V,Electrolytic
C633,634	VCTYMN1CX332K	J	AA	0.0033 µF,16V
C701	VCTYBT1EF223Z	J	AA	0.022 µF,25V
C702	RC-EZD227AF1A	J	AC	220 µF,10V,Electrolytic
C703	VCCSMN1HL150J	J	AA	15 pF,50V
C704	VCCSMN1HL180J	J	AA	18 pF,50V
C705	VCEAZA1AW107M	J	AB	100 µF,10V,Electrolytic
C707,708	RC-EZD105AF1H	J	AB	1 µF,50V,Electrolytic
C710	VCEAZA1EW476M	J	AB	47 µF,25V,Electrolytic
C711,712	VCEAZA1CW106M	J	AC	10 µF,16V,Electrolytic
C713	RC-EZD104AF1H	J	AB	0.1 µF,50V,Electrolytic
C714	VCTYMN1CY103N	J	AA	0.01 µF,16V
C715	VCEAZA1HW335M	J	AB	3.3 µF,50V,Electrolytic
C716	VCTYBT1EF223Z	J	AA	0.022 µF,25V
C717	RC-EZD106AF1H	J	AB	10 µF,50V,Electrolytic
C718	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C719	RC-EZD476AF1C	J	AC	47 µF,16V,Electrolytic
⚠ C801	RC-KZ001LAWZZ	J	AB	0.0047 µF,250VAC,Ceramic
C802	VCQYKA1HM473K	J	AB	0.047 µF,50V,Mylar
C803	VCEAZV1VW477M	J	AD	470 µF,35V,Electrolytic
C804	VCEAZA0JW108M	J	AC	1000 µF,6.3V,Electrolytic
C805	VCEAZA1HW476M	J	AB	47 µF,50V,Electrolytic
C806,807	VCEAZA1HW107M	J	AC	100 µF,50V,Electrolytic
C808,809	VCEAZA1HW476M	J	AB	47 µF,50V,Electrolytic
C810	VCEAZA1VW107M	J	AC	100 µF,35V,Electrolytic
C811	VCEAZW1EW338M	J	AG	3300 µF,25V,Electrolytic
C812,813	VCQYKA1HM473K	J	AB	0.047 µF,50V,Mylar
C814,815	VCEAZW1HW228M	J	AH	2200 µF,50V,Electrolytic
C816,817	VCQYKA1HM473K	J	AB	0.047 µF,50V,Mylar
C818,819	VCQYKA1HM104K	J	AB	0.1 µF,50V,Mylar
C820	VCEAZA1EW476M	J	AB	47 µF,25V,Electrolytic
C821	VCQYKA1HM104K	J	AB	0.1 µF,50V,Mylar
C822	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C823,824	VCEAZA1EW476M	J	AB	47 µF,25V,Electrolytic
C825	VCQYKA1HM473K	J	AB	0.047 µF,50V,Mylar
C826	VCEAZA1EW226M	J	AB	22 µF,25V,Electrolytic
C827	VCQYKA1HM473K	J	AB	0.047 µF,50V,Mylar
C901~910	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C911,912	VCKYPA1HB102K	J	AA	0.001 µF,50V
C917~920	VCQYKA1HM104K	J	AB	0.1 µF,50V,Mylar
C921,922	VCKYPA1HB102K	J	AA	0.001 µF,50V
C931,932	VCKYPA1HB221K	J	AA	220 pF,50V
C933,934	VCCSPA1HL3R0C	J	AA	3 pF,50V
C935,936	VCEAZA1HW106M	J	AB	10 µF,50V,Electrolytic
C937,938	VCEAZA1HW107M	J	AC	100 µF,50V,Electrolytic
C939~942	VCEAZA1HW106M	J	AB	10 µF,50V,Electrolytic
C943	VCEAZA1CW107M	J	AC	100 µF,16V,Electrolytic
C947,948	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C949	VCKYBT1HB102K	J	AA	0.001 µF,50V
CT21	VCEAZA1AW476M	J	AB	47 µF,10V,Electrolytic
CT22	VCTYMN1EF223Z	J	AA	0.022 µF,25V
CT23	VCEAZA1CW106M	J	AC	10 µF,16V,Electrolytic
CT24	VCTYMN1EF223Z	J	AA	0.022 µF,25V
CT25	VCKYMN1HB561K	J	AA	560 pF,50V
CT26,27	VCCCMN1HH220J	J	AA	22 pF (CH),50V
CT28	VCEAZA1AW476M	J	AB	47 µF,10V,Electrolytic
CT29	VCTYMN1EF223Z	J	AA	0.022 µF,25V
CT36,37	VCTYMN1EF223Z	J	AA	0.022 µF,25V
CT43	VCEAZA1CW106M	J	AC	10 µF,16V,Electrolytic

RESISTORS

	VRD-MN2BD000C	J	AA	0 ohm,Jumper,ø1.4×3.5mm,Ivory
	VRS-TV2AB000J	J	AA	0 ohm,Jumper,1.25×2mm,Green
R3	VRS-TV2AB473J	J	AA	47 kohms,1/10W
R4	VRS-TV2AB103J	J	AA	10 kohm,1/10W
R5	VRS-TV2AB393J	J	AA	39 kohms,1/10W
R6	VRS-TV2AB273J	J	AA	27 kohms,1/10W
R7	VRS-TV2AB682J	J	AA	6.8 kohms,1/10W
R8	VRS-TV2AB331J	J	AA	330 ohms,1/10W
R10	VRS-TV2AB273J	J	AA	27 kohms,1/10W
R11	VRS-TV2AB123J	J	AA	12 kohms,1/10W
R12,13	VRS-TV2AB681J	J	AA	680 ohms,1/10W
R14	VRS-TV2AB122J	J	AA	1.2 kohms,1/10W
R15	VRS-TV2AB103J	J	AA	10 kohm,1/10W
R16	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R17	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R19	VRD-ST2CD470J	J	AA	47 ohms,1/6W
R20	VRS-TV2AB221J	J	AA	220 ohms,1/10W
R21,22	VRS-TV2AB471J	J	AA	470 ohms,1/10W
R25	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R35	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R38	VRD-ST2CD271J	J	AA	270 ohms,1/6W
R39	VRD-ST2CD471J	J	AA	470 ohms,1/6W
R40	VRS-TV2AB122J	J	AA	1.2 kohms,1/10W
R42	VRS-TV2AB124J	J	AA	120 kohms,1/10W
R44	VRD-ST2CD102J	J	AA	1 kohm,1/6W

CD-BA1300H

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
R45	VRS-TV2AB122J	J	AA	1.2 kohms,1/10W
R46	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R47	VRD-ST2EE3R3J	J	AA	3.3 ohms,1/4W
R48	VRS-TV2AB682J	J	AA	6.8 kohms,1/10W
R50	VRS-TV2AB470J	J	AA	47 ohms,1/10W
R51~54	VRS-TV2AB683J	J	AA	68 kohms,1/10W
R55,56	VRD-ST2CD683J	J	AA	68 kohms,1/6W
R58	VRD-ST2CD221J	J	AA	220 ohms,1/6W
R67,68	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R71~78	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R79	VRS-TV2AB155J	J	AA	1.5 Mohms,1/10W
R80	VRD-ST2CD105J	J	AA	1 Mohm,1/6W
R81,82	VRS-TV2AB222J	J	AA	2.2 kohms,1/10W
R83,84	VRS-TV2AB103J	J	AA	10 kohm,1/10W
R94,95	VRS-TV2AB103J	J	AA	10 kohm,1/10W
R96	VRD-ST2CD152J	J	AA	1.5 kohms,1/6W
R101,102	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R103	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R104	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R105	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R106,107	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R108,109	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R110	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R111,112	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R113	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R114,115	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R116,117	VRD-ST2CD560J	J	AA	56 ohms,1/6W
R118,119	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R120,121	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W
R122	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W
R123	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R124,125	VRD-MN2BD333J	J	AA	33 kohms,1/8W
R126	VRD-MN2BD683J	J	AA	68 kohms,1/8W
R127,128	VRD-MN2BD682J	J	AA	6.8 kohms,1/8W
R129,130	VRD-MN2BD272J	J	AA	2.7 kohms,1/8W
R131,132	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W
R133,134	VRD-MN2BD101J	J	AA	100 ohm,1/8W
R135~137	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R138	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R139	VRD-ST2EE221J	J	AA	220 ohms,1/4W
R140,141	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R142,143	VRD-ST2CD224J	J	AA	220 kohms,1/6W
R144	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R145	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R146	VRD-RT2HD820J	J	AA	82 ohms,1/2W
R147	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R148	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R149	VRD-ST2CD4R7J	J	AA	4.7 ohms,1/6W
R157	VRD-ST2EE101J	J	AA	100 ohm,1/4W
R323	VRD-MN2BD683J	J	AA	68 kohms,1/8W
R336	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R344	VRD-MN2BD471J	J	AA	470 ohms,1/8W
R345	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R346	VRD-MN2BD331J	J	AA	330 ohms,1/8W
R347	VRD-MN2BD682J	J	AA	6.8 kohms,1/8W
R348	VRD-MN2BD681J	J	AA	680 ohms,1/8W
R349	VRD-MN2BD330J	J	AA	33 ohms,1/8W
R350	VRD-MN2BD272J	J	AA	2.7 kohms,1/8W
R351	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R352	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R353	VRD-MN2BD271J	J	AA	270 ohms,1/8W
R355	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R356	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R357	VRD-ST2CD474J	J	AA	470 kohms,1/6W
R358	VRD-ST2CD392J	J	AA	3.9 kohms,1/6W
R359	VRD-MN2BD182J	J	AA	1.8 kohms,1/8W
R360	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R361,362	VRD-MN2BD122J	J	AA	1.2 kohms,1/8W
R363,364	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R365	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R369	VRD-MN2BD150J	J	AA	15 ohms,1/8W
R370	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R372~374	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R376	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R377	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R378	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R379	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R380	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W
R381	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R382	VRD-ST2EE151J	J	AA	150 ohms,1/4W
R383	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R384	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W
R385	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R386	VRD-ST2CD223J	J	AA	22 kohms,1/6W
R387	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W
R388	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W
R391,392	VRD-ST2EE271J	J	AA	270 ohms,1/4W
R393	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R395	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R399	VRD-MN2BD330J	J	AA	33 ohms,1/8W
R601,602	VRD-ST2CD331J	J	AA	330 ohms,1/6W
R603,604	VRD-MN2BD272J	J	AA	2.7 kohms,1/8W
R607,608	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W
R609	VRD-MN2BD822J	J	AA	8.2 kohms,1/8W
R610	VRD-ST2CD822J	J	AA	8.2 kohms,1/6W
R615,616	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W
R617,618	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R625	VRD-ST2CD223J	J	AA	22 kohms,1/6W
R702~704	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R705~707	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R708	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R709~718	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R719~721	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R722	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R724,725	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R726~729	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W
R730	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R732	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R733~737	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R741	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R743	VRD-ST2CD330J	J	AA	33 ohms,1/6W
R744	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R745	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R748~751	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R755	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W
R756,757	VRD-MN2BD683J	J	AA	68 kohms,1/8W
R758,759	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R760,761	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R762,763	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R766~768	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R769	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R770	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R771	VRD-ST2CD104J	J	AA	100 kohm,1/6W
R772	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R773	VRD-ST2CD101J	J	AA	100 ohm,1/6W
R775~777	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R778	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R779	VRD-RT2HD3R3J	J	AA	3.3 ohms,1/2W
R792	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R804	VRD-ST2CD221J	J	AA	220 ohms,1/6W
R805	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R806	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R807	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W
R808,809	VRD-ST2CD221J	J	AA	220 ohms,1/6W
R810	VRD-ST2CD123J	J	AA	12 kohms,1/6W
R811,812	VRD-ST2EE223J	J	AA	22 kohms,1/4W
R813	VRD-ST2CD223J	J	AA	22 kohms,1/6W
R814	VRD-ST2CD330J	J	AA	33 ohms,1/6W
R815	VRD-ST2CD223J	J	AA	22 kohms,1/6W
R817	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R901~904	VRD-ST2CD6R8J	J	AA	6.8 ohms,1/6W
R905,906	VRD-ST2EE560J	J	AA	56 ohms,1/4W
R907,908	VRD-ST2EE331J	J	AA	330 ohms,1/4W
R909,910	VRD-ST2EE4R7J	J	AA	4.7 ohms,1/4W
R931,932	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R933,934	VRD-ST2CD563J	J	AA	56 kohms,1/6W
R935,936	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R937	VRD-ST2CD223J	J	AA	22 kohms,1/6W
⚠ R938,939	VRG-ST2EC101J	J	AB	100 ohm,1/4W,Fusible
R940	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R941,942	VRD-ST2CD393J	J	AA	39 kohms,1/6W
R943	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R944	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R945	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R947,948	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R951	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R952	VRD-ST2CD333J	J	AA	33 kohms,1/6W
R953	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R954,955	VRS-VV3AAR10J	J		0.1 ohm,1W
RD01	VRD-ST2CD681J	J	AA	680 ohms,1/6W
RD02	VRD-MN2BD821J	J	AA	820 ohms,1/8W
RD03	VRD-ST2CD102J	J	AA	1 kohm,1/6W
RD04	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W
RD05	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
RD06	VRD-MN2BD272J	J	AA	2.7 kohms,1/8W
RD07	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W
RD08	VRD-ST2CD563J	J	AA	56 kohms,1/6W
RD09	VRD-MN2BD104J	J	AA	100 kohm,1/8W
RD10	VRD-MN2BD821J	J	AA	820 ohms,1/8W
RD11	VRD-MN2BD102J	J	AA	1 kohm,1/8W
RD12	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W
RD13	VRD-MN2BD681J	J	AA	680 ohms,1/8W
RD14	VRD-ST2CD821J	J	AA	820 ohms,1/6W
RD15	VRD-MN2BD102J	J	AA	1 kohm,1/8W
RD16	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W
RD17	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
RD18	VRD-ST2CD272J	J	AA	2.7 kohms,1/6W
RD19	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W
RD20	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
RD21	VRD-ST2CD103J	J	AA	10 kohm,1/6W
RD22	VRD-ST2CD153J	J	AA	15 kohms,1/6W
RD23	VRD-MN2BD333J	J	AA	33 kohms,1/8W
RD24	VRD-MN2BD104J	J	AA	100 kohm,1/8W
RD25	VRD-MN2BD681J	J	AA	680 ohms,1/8W
RD26	VRD-MN2BD682J	J	AA	6.8 kohms,1/8W
RT21	VRD-ST2CD104J	J	AA	100 kohm,1/6W
RT26	VRD-MN2BD102J	J	AA	1 kohm,1/8W
RT28~30	VRD-MN2BD102J	J	AA	1 kohm,1/8W
RT32	VRD-MN2BD103J	J	AA	10 kohm,1/8W
RT33,34	VRD-MN2BD563J	J	AA	56 kohms,1/8W
RT35~37	VRD-MN2BD224J	J	AA	220 kohms,1/8W
RT48,49	VRD-ST2EE391J	J	AA	390 ohms,1/4W
RT51	VRD-ST2CD103J	J	AA	10 kohm,1/6W

OTHER CIRCUITRY PARTS

BI4/CNS4	QCNWN1572AWZZ	J	AF	Connector Ass'y,6/6Pin
BI601/CNS601	QCNWN1540AWZZ	J	AF	Connector Ass'y,5/5Pin
BI702/CNS702	QCNWN1541AWZZ	J	AH	Connector Ass'y,10/10Pin
CNP1	QCNCM704GAWZZ	J	AC	Plug,7Pin
CNP2	QCNCM704HAWZZ	J	AC	Plug,8Pin
CNP3	92LCONE6P53253	J	AC	Plug,6Pin
CNP3A	92LCONE6P53254	J	AC	Plug,6Pin
CNP4	QCNCM705FAFZZ	J	AB	Plug,6Pin
CNP11	92LCONE5P53254	J	AB	Plug,5Pin
CNP12	92LCONEAP53254	J	AD	Plug,10Pin
CNP101	QCNCM705CAFZZ	J	AA	Plug,3Pin
CNP102	QCNCM705GAFZZ	J	AB	Plug,7Pin
CNP302	92LCONE2P5268	J	AB	Plug,2Pin
CNP701	QCNCWZF19AWZZ	J		Plug,19Pin
⚠ CNP801	QCNCM049BAWZZ	J	AC	Plug,2Pin
CNP802	QCNCM035GAWZZ	J	AC	Plug,7Pin
CNS1A/B	QCNWN1537AWZZ	J	AG	Connector Ass'y,7/7Pin
CNS2A/B	QCNWN1538AWZZ	J	AG	Connector Ass'y,8/8Pin
CNS3A/B	QCNWN1539AWZZ	J	AE	Connector Ass'y,6/6Pin
CNS701	QCNCWZG19AWZZ	J		Plug,19Pin
CNS703	QCNCWZF13AWZZ	J	AC	Plug,13Pin
⚠ F801	92LFUSET202E	J	AC	Fuse,T2A L 250V
⚠ F802,803	92LFUSET312E	J	AD	Fuse,T3.15A L 250V
FE301	RTUNS0012AWZZ	J	AV	FM Front End
FFC13	QCNWN1544AWZZ	J	AE	Flat Cable,13Pin
FFC19	QCNWN1645AWZZ	J		Flat Cable,19Pin
FL701	VVKSVA9MS13-1	J	AZ	FL Display
FW901	QCNWN1612AWZZ	J	AD	Flat Wire,5Pin
JK901	QJAKM0010AWZZ	J	AF	Jack,Headphones
LG901	QLUGP0001AWZZ	J	AC	Lug
LUG101	QLUGP0002AWZZ	J	AB	Lug
M1	92LMTR2790CASY	J	BB	Motor with Chassis [Spindle]
M2	92LMTR1854BASY	J	AP	Motor with Gear [Sled]
M3	92LTWMEN7E6Y	J	AR	Motor with Worm Pulley [T/T Up/Down Loading]
⚠ RL801	RRLYD0011AWZZ	J	AE	Relay
RX701	VHLN63H380A-1	J	AK	Remote Sensor,N63H380A
SO301	QTANC0101AWZZ	J	AF	Terminal,FM Antenna
⚠ SO801	QSOCA0212AWZZ	J	AD	Socket,AC Input
SO901	QTANA0416AWZZ	J	AE	Terminal,Speaker
SW1	SWMPU10780MLB	J	AH	Switch,Push Type [Open/Close]
SW2	SWMPU11470MLB	J	AE	Switch,Push Type [Clamp]
SW3	SWMPU11470MLB	J	AE	Switch,Push Type [Disc Number]
SW4	QSW-F9001AW01	J	AD	Switch,Leaf Type [Pickup In]
SW701	92LSWICHT1663T	J	AC	Switch,Key Type [ON/STAND-BY]
SW702	92LSWICHT1663T	J	AC	Switch,Key Type [CLOCK]
SW703	92LSWICHT1663T	J	AC	Switch,Key Type [TIMER/SLEEP]
SW704	92LSWICHT1663T	J	AC	Switch,Key Type [PTY.TI SEARCH]
SW705	92LSWICHT1663T	J	AC	Switch,Key Type [EON]
SW706	92LSWICHT1663T	J	AC	Switch,Key Type [ASPM]
SW707	92LSWICHT1663T	J	AC	Switch,Key Type [DISPLAY MODE]
SW708	92LSWICHT1663T	J	AC	Switch,Key Type [STATION]
SW709	92LSWICHT1663T	J	AC	Switch,Key Type [DISC SKIP]
SW710	92LSWICHT1663T	J	AC	Switch,Key Type [OPEN/CLOSE]
SW711	92LSWICHT1663T	J	AC	Switch,Key Type [EQUALIZER/X-BASS/DEMO]
SW712	92LSWICHT1663T	J	AC	Switch,Key Type [Volume Up]
SW713	92LSWICHT1663T	J	AC	Switch,Key Type [Volume Down]
SW714	92LSWICHT1663T	J	AC	Switch,Key Type [CD]
SW715	92LSWICHT1663T	J	AC	Switch,Key Type [Tape]
SW716	92LSWICHT1663T	J	AC	Switch,Key Type [Tuning/Time Down]
SW717	92LSWICHT1663T	J	AC	Switch,Key Type [Memory/Set]
SW718	92LSWICHT1663T	J	AC	Switch,Key Type [Rewind]
SW719	92LSWICHT1663T	J	AC	Switch,Key Type [Fast Forward]
SW720	92LSWICHT1663T	J	AC	Switch,Key Type [Play/Repeat]
SW721	92LSWICHT1663T	J	AC	Switch,Key Type [Stop]
SW723	92LSWICHT1663T	J	AC	Switch,Key Type [REC/PAUSE]
SW724	92LSWICHT1663T	J	AC	Switch,Key Type [TUNING/TIME UP]
SW725	92LSWICHT1663T	J	AC	Switch,Key Type [Tuner (Band)]

CD MECHANISM PARTS

301	NGERH0011AWZZ	J	AC	Gear,Middle
302	NGERH0012AWZZ	J	AC	Gear,Drive
303	MLEVP0080AWZZ	J	AC	Rail,Guide
304	NSFTM0020AWFW	J	AD	Shaft,Guide
305	92LMCUSN1524A	J	AD	Cushion
⚠ 306	92LHPC1LXASY	J	BD	Pickup Unit Ass'y
306- 1	————		—	Pickup Unit (Not Replacement Item)
306- 2	NGERR0043AFZZ	J	AC	Gear,Rack
306- 3	MSPRC0961AFZZ	J	AA	Spring,Rack
701	XBSSD26P06000	J	AA	Screw,ø2.6×6mm
702	XHBSD20P05000	J	AA	Screw,ø2×5mm
703	XBBSD20P03000	J	AA	Screw,ø2×3mm
704	LX-WZ1070AFZZ	J	AA	Washer,ø1.5×ø3.8×0.25mm
M1	92LMTR2790CASY	J	BB	Motor with Chassis [Spindle]
M2	92LMTR1854BASY	J	AP	Motor with Gear [Sled]
SW4	QSW-F9001AW01	J	AD	Switch,Leaf Type [Pickup In]

CABINET PARTS

201	92LCAB3312AASY	J		Front Panel Ass'y
201- 1	————		—	Front Panel (Not Replacement Item)
201- 2	GDORF0076AWSA	J	AE	Holder,Cassette,Tape 1
201- 3	GDORF0077AWSA	J	AE	Holder,Cassette,Tape 2
201- 4	GCOVA1270AWSA	J	AH	Cover,Cassette,Tape 1
201- 5	GCOVA1271AWSA	J	AH	Cover,Cassette,Tape 2
201- 6	HDECQ0541AWSA	J	AE	Panel,Cassette,Tape 1
201- 7	HDECQ0542AWSA	J	AE	Panel,Cassette,Tape 2
201- 8	HDECQ0589AWSA	J	AG	Panel,Amp.
201-10	JKNBZ0677AWSA	J	AG	Knob,Volume
201-11	JKNBZ0678AWSA	J	AD	Knob,Function Base
201-12	JKNBZ0721AWSA	J	AG	Knob,On/Stand-by/Clock/Timer/Sleep
201-13	JKNBZ0712AWSA	J	AH	Knob,Play/Stop
201-14	JKNBZ0713AWSA	J	AH	Knob,FF/REW
201-15	JKNBZ0676AWSA	J	AF	Knob,Tuning
201-16	HDECQ0578AWSA	J	AG	Panel,Decoration
201-17	GCOVA1272AWSA	J	AE	Cover,Function Knob,A
201-18	MLIFP0008AWZZ	J	AD	Damper
201-19	MSPRD0092AWFJ	J	AB	Spring,Cassette,Tape 1
201-20	MSPRD0093AWFJ	J	AB	Spring,Cassette,Tape 2
201-21	92LBADGE1671A	J	AC	Badge,SHARP
201-22	JKNBZ0675AWSA	J	AF	Knob,Equalizer/X-BASS/Demo
201-23	GCOVA1273AWSA	J	AE	Cover,Function Knob,B
201-24	GCOVA1274AWSA	J	AE	Cover,Function Knob,C
201-25	JKNBZ0720AWSA	J	AG	Knob,RDS
202	92LCAB3325BASY	J		Side Panel Ass'y,Left
202- 1	————		—	Side Panel,Left (Not Replacement Item)
202- 2	PCUSG0022AWZZ	J	AB	Cushion,Leg
203	92LCAB3325CASY	J		Side Panel Ass'y,Right
203- 1	————		—	Side Panel,Right (Not Replacement Item)
203- 2	PCUSG0022AWZZ	J	AB	Cushion,Leg

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NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
204	92LCOV3303AASY	J	AM	CD Tray Cover Ass'y
204- 1	————		—	Cover,CD Tray (Not Replacement Item)
204- 2	GCOVA1254AWSA	J	AE	Cover,CD Tray Panel,Left
204- 3	GCOVA1255AWSA	J	AE	Cover,CD Tray Panel,Right
205	GCAB-1184AWSA	J	AP	Top Cabinet
206	GITAR0601AWSA	J	AH	Rear Panel [Except for U.K.]
206	GITAR0602AWSA	J		Rear Panel [For U.K.]
208	LANGK0110AWFW1	J	AD	Support,Cassette Lock,Tape 1
209	LANGK0111AWFW1	J	AD	Support,Cassette Lock,Tape 2
213	LCHSM0104AWFW	J		Main Chassis
214	LHLDZ1087AWSA1	J	AC	Holder,FL Display
219	MLOKC0003AWZZ	J	AD	Lock Lever,Cassette,Tape 1
220	MLOKC0004AWZZ	J	AD	Lock Lever,Cassette,Tape 2
221	MSPRD0109AWFJ	J	AB	Spring,Cassette Lock,Tape 1
222	MSPRD0110AWFJ	J	AB	Spring,Cassette Lock,Tape 2
224	92LPT0331105	J	AM	Table Loading
225	PCUSG0022AWZZ	J	AB	Cushion,Leg
226	PRDAR0162AWFW	J		Heat Sink,Main
227	PRDAR0127AWFW	J	AM	Heat Sink,Sub
230	QCNWN1615AWZZ	J	AC	Lug Wire
⚠231	QFSHD0001AWZZ	J	AB	Holder,Fuse
232	92LBE241414	J	AD	Belt
234	92LEVA0330702	J	AD	Velvet Carpet,Chassis
235	92LMAG0104302	J	AE	Magnet
236	92LMT0304302	J	AB	Plate,Metal
237	92LNBAND1318A	J	AA	Nylon Band,80mm
238	92LNM0305401	J	AB	Velvet Carpet
239	92LPT0303002	J	AB	Roller
240	92LPT0304303	J	AB	Lever,Stop
241	92LPT0304304	J	AB	Stopper
242	92LPT0304305	J	AE	Lever,Lock
243	92LPT0304306	J	AG	Stabilizer
244	92LPT0304307	J	AC	Support,Cam
245	92LPT0304308	J	AB	Lock Gear Pin
246	92LPT0304309	J	AB	Cap,Pulley Stopper
247	92LPT0305413	J	AG	Cam Gear Lower
248	92LPT0309506	J	AD	Gear,Turntable Drive
249	92LPT0309507	J	AD	Gear,Open/Close Drive
250	92LPT0309508	J	AD	Gear,Planet
251	92LPT0309509	J	AD	Gear,Drive
252	92LPT0309510	J	AE	Gear,Pulley
253	92LPT0309511	J	AD	Gear,Middle
254	92LPT0311101	J	AB	Lever,Clamp
255	92LPT0311102	J	AC	Lever,Disc
256	92LPT0312005	J	AL	Gear,Cam
257	92LPT0320201	J	AE	Support,Stabilizer
258	92LPT0330301	J	AU	Chassis,Loading
259	92LPT0330803	J	AK	CD,Chassis
260	92LPT0331003	J	AT	Chassis,Slide
262	92LSP0304303	J	AB	Spring,Stopper
263	92LSP0304305	J	AB	Spring,Lock
264	92LSP0304306	J	AB	Spring,Lock Gear
268	KMECB0012AWZZ	J	BG	Tape Mechanism Ass'y
270	LHLDZ1230AWZZ	J	AC	Holder,LED
272	92LCAUT1706A1	J	AC	Label,Class 3 Laser
273	92LCAUT1706B	J	AA	Label,Laser
601	LX-JZ0003AWFF	J	AA	Screw,ø3×12mm
602	XJBSD30P14000	J	AA	Screw,ø3×14mm
604	XEBSF30P12000	J	AA	Screw,ø3×12mm
605	XESSD30P10000	J	AA	Screw,ø3×10mm
606	XHBSD26P04000	J	AA	Screw,ø2.6×4mm
610	XJBSF30P10000	J	AA	Screw,ø3×10mm
611	XJBSD30P08000	J	AA	Screw,ø3×8mm
612	LX-HZ0009AWFD	J	AC	Screw,Special
613	LX-HZ0082AFZZ	J	AA	Screw,ø4×8mm
614	LX-JZ0010AFFD	J	AA	Screw,Special
616	LX-BZ2222AXZZ	J	AB	Screw,Special
618	92LSC0308MBZI	J	AB	Screw,ø3×8mm
619	92LSC0308RBZI	J		Screw,ø3×8mm
620	XEBSD26P08000	J	AA	Screw,ø2.6×8mm
621	XJBSF30P08000	J		Screw,ø3×8mm

ACCESSORIES/PACKING PARTS

⚠1	QACCB0012AW00	J		AC Power Supply Cord [For U.K./Hong Kong]
⚠1	QACCE0007AW00	J	AH	AC Power Supply Cord [Except for U.K./Hong Kong]
2	QANTL0008AWZZ	J	AH	AM Loop Antenna
3	SPAKA0244AWZZ	J	AL	Packing Add.,Left/Right
4	SPAKC0894AWZZ	J		Packing Case [Except for U.K.]
4	SPAKC0976AWZZ	J	AQ	Packing Case [For U.K.]
5	SPAKP0013AWZZ	J	AC	Polyethylene Bag,Unit
6	SPAKZ0573AWZZ	J	AB	Sheet,CD Tray
7	TGAN-3170UMZZ	J	AE	Resistration Card [For U.K. Only]
8	TINSE0311AWZZ	J	AE	Operation Manual [For U.K.]
8	TINSZ0570AWZZ	J	AN	Operation Manual [Except for U.K.]
9	TINSE0317AWZZ	J	AA	Quick Guide [For U.K. Only]
10	TLABE0424AWZZ	J		Label,Bar Code [For U.K.]
10	TLABE0407AWZZ	J		Label,Bar Code [Except for U.K.]
11	TLABZ0604AWZZ	J	AB	Label,Energy
12	TLABZ0605AWZZ	J	AB	Label,Saving Energy
13	TLABZ0789AWZZ	J		Label,Feature,Tape 1 [Except for U.K.]
13	TLABZ0790AWZZ	J		Label,Feature,Tape 1 [For U.K.]
14	TLABZ0787AWZZ	J		Label,Feature,Tape 2
15	92LBAG1460C1	J	AB	Polyethylene Bag,Accessories
16	92LBAG1770A	J	AB	Polyethylene Bag,AC Power Supply Cord [For U.K. Only]
17	92LFANT1535A	J	AF	FM Antenna
18	RRMCG0229AWSA	J	AR	Remote Control
	GFTAB1022AWSB	J	AK	Battery Lid,Remote Control
19	SPAKZ0525AWZZ	J		Center Pad

P.W.B. ASSEMBLY (Not Replacement Item)

PWB-A1~3	92LPWB3312MANS	J	—	Main/Display/Headphones (Combined Ass'y)
PWB-B	92LPWB3303CDUS	J	—	CD Servo
PWB-C	QPWBF0027AWZZ	J	AD	CD Motor (PWB Only)
PWB-D	————		—	Tape Mechanism
PWB-E	92LPC99C017	J	AE	CD Loading Motor (PWB Only)

OTHER SERVICE PART

	UDSKA0004AFZZ	J	AZ	CD Pickup Lens Cleaner

CP-BA1300H

SPEAKER BOX PARTS

901	92L121-0199	J	AT	Net Frame Ass'y
902	92L051-0104	J	AV	Speaker Box Ass'y
903	92L394-0045	J	AC	Port Cushion
904	92L351-0381	J	AB	Label,Specifications
905	92L372-0106	J	AB	Screw,ø4×12mm
906	92L122-0046	J		Tweeter Cord Ass'y (with Capacitor)
907	92L316-0068	J	AF	Duct Pipe
908	92L312-0090	J	AV	Front Panel
909	92L394-0049	J	AB	Cushion
910	92L372-0108	J	AB	Screw,ø3×10mm
SP1,2	VSP0013WB516A	J	AX	Woofer
SP3,4	VSP0051TBP06A	J	AP	Tweeter

PACKING PARTS

1	92L412-0125	J	AN	Packing Add.,Speaker,Top/Bottom
2	92L411-0075	J	AG	Polyethylene Bag,Speaker

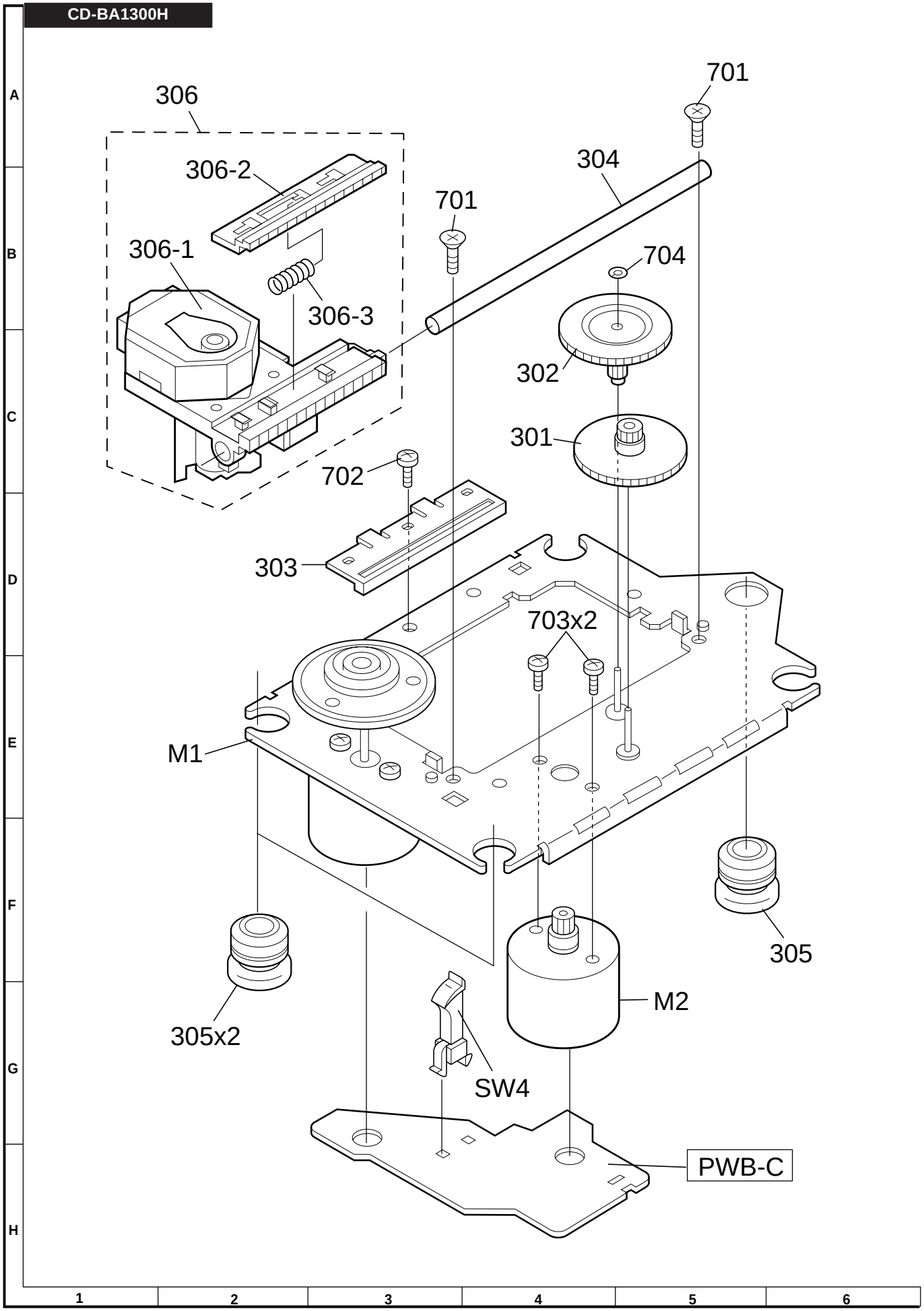


Figure 6 CD MECHANISM EXPLODED VIEW

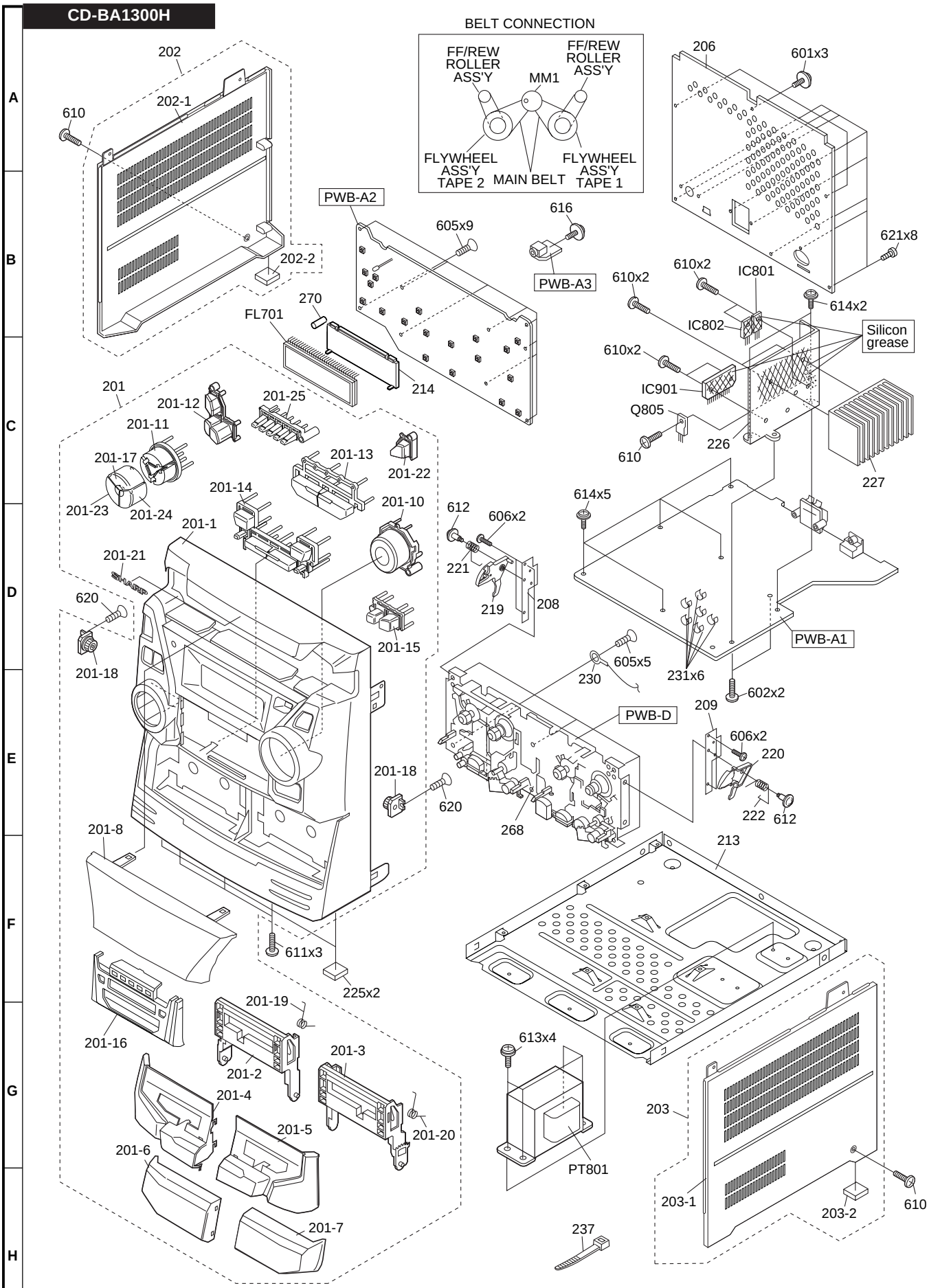


Figure 7 CABINET EXPLODED VIEW (1/2)

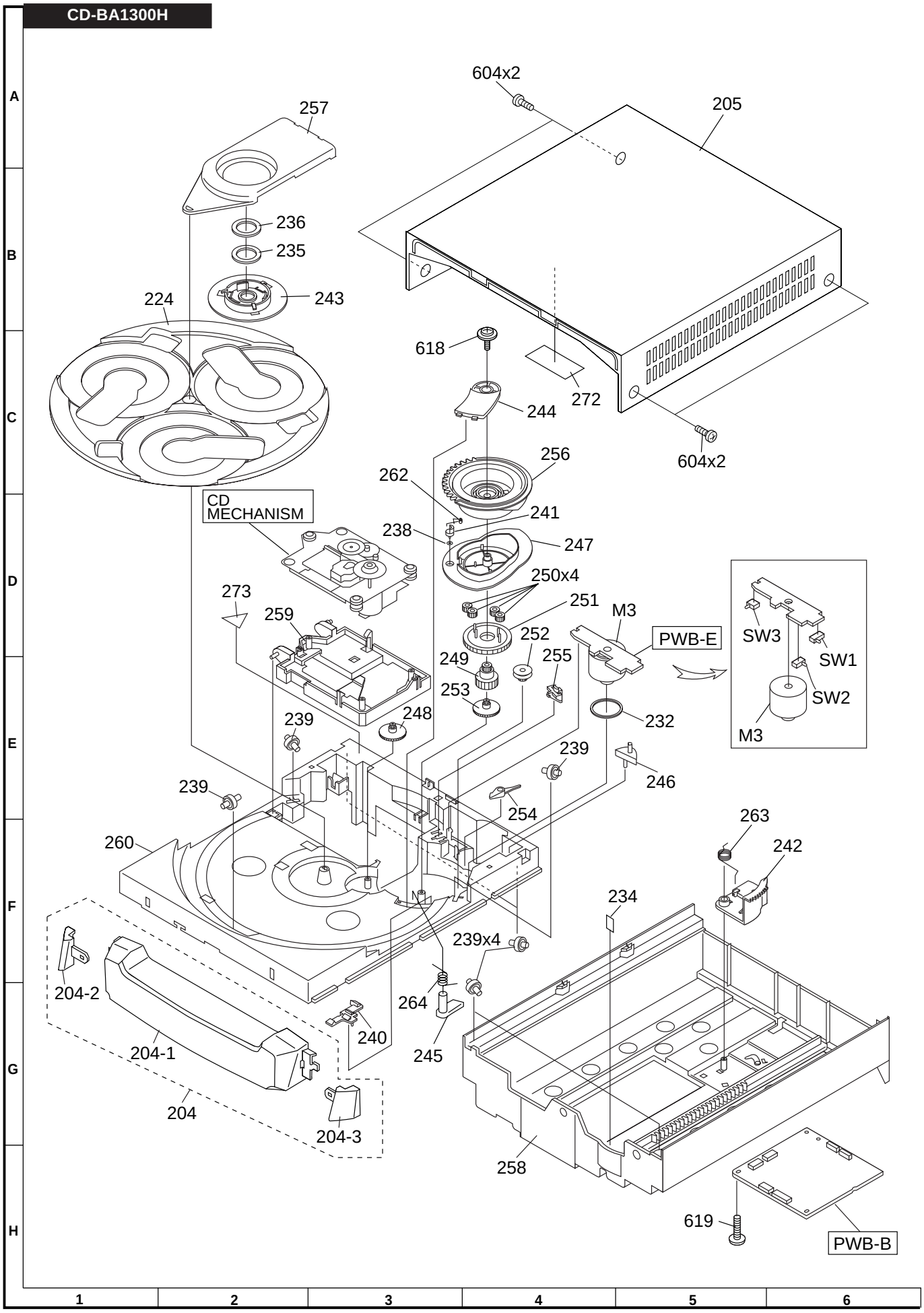


Figure 8 CABINET EXPLODED VIEW (2/2)

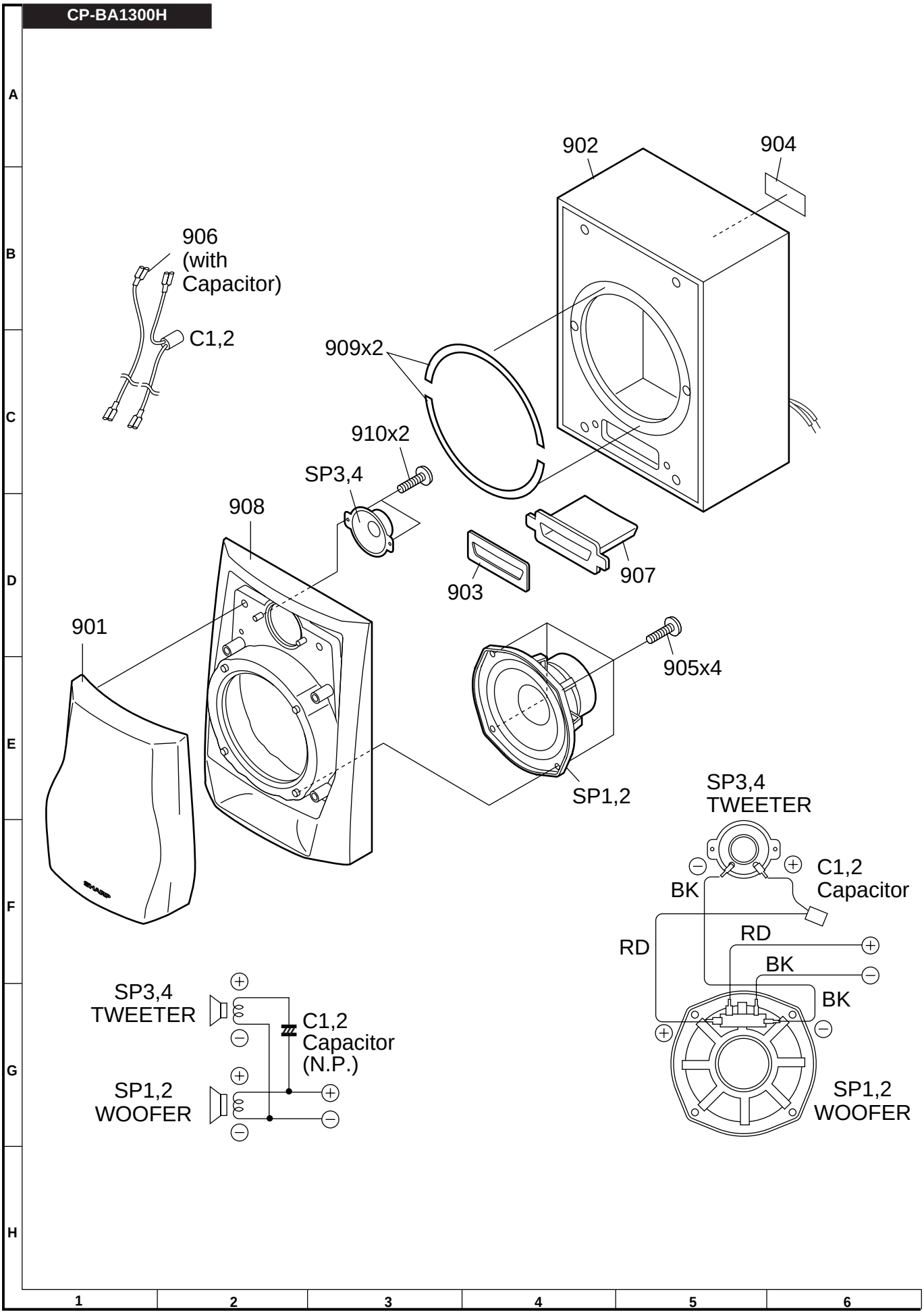


Figure 9 SPEAKER EXPLODED VIEW

PACKING METHOD (FOR U.K. ONLY)

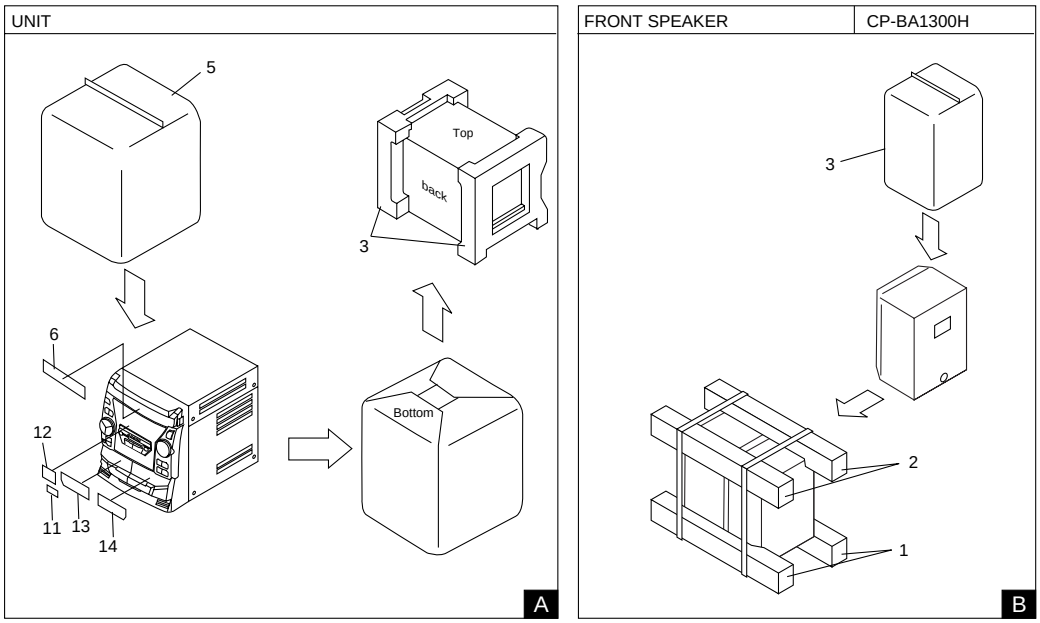
Setting position of switches and knobs	
Tape Mechanism	STOP

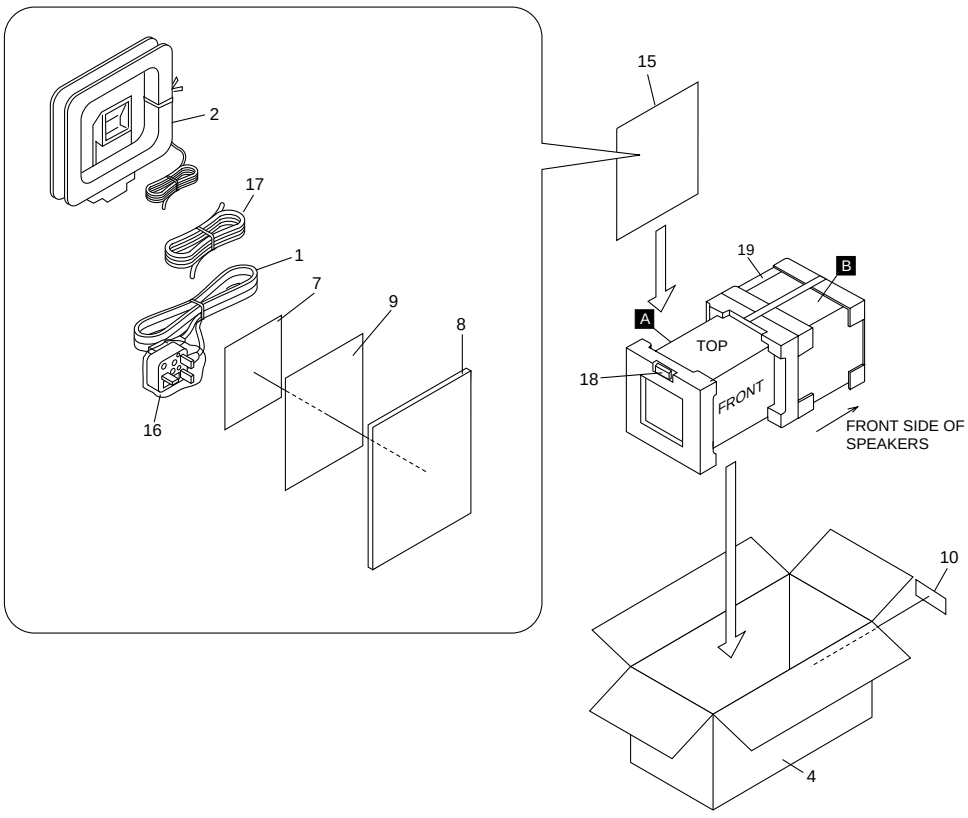
CD-BA1300H

1. AC Power Supply Cord	QACCB0012AW00
2. AM Loop Antenna	QANTL0008AWZZ
3. Packing Add., Left/Right	SPAKA0244AWZZ
4. Packing Case	SPAKC0976AWZZ
5. Polyethylene Bag, Unit	SPAKP0013AWZZ
6. Sheet, CD Tray	SPAKZ0573AWZZ
7. Resistration Card	TGAN-3170UMZZ
8. Operation Manual	TiNSE0311AWZZ
9. Quick Guide	TiNSE0317AWZZ
10. Label, Bar Code	TLABE0424AWZZ
11. Label, Energy	TLABZ0604AWZZ
12. Label, Saving Energy	TLABZ0605AWZZ
13. Label, Feature, Tape 1	TLABZ0790AWZZ
14. Label, Feature, Tape 2	TLABZ0787AWZZ
15. Polyethylene Bag, Accessories	92LBAG1460C1
16. Polyethylene Bag, AC Power Supply Cord	92LBAG1770A
17. FM Antenna	92LFANT1535A
18. Remote Control	RRMCG0229AWSA
19. Center Pad	SPAKZ0525AWZZ

CP-BA1300H

1. Packing Add., Speaker, Top/Bottom	92L412-0125
2. Polyethylene Bag, Speaker	92L411-0075





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CD-BA1300H

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